Reference No.: 50 Barite Hill/Nevada Goldfields HRS Documentation Record EPA ID No. SCN000407714

Project Note	
Date: January 21, 2008	Project Number: TTEMI-05-003-0019
Name: Shanna Davis Firm: Tetra Tech EM Inc. Title: Environmental Scientist Time: 1438	
Signature: Channa Danis	
Subject: SCDHEC Analytical Data Sheets	
PROJECT NOTE SUMMARY	
Attached are analytical data sheets from the October 2004 preliminary assessment/site inspection conducted by the South Carolina Department of Health and Environmental Control (SCDHEC). The data sheets were received by Tim Kadar, Site Assessment Section, Bureau of Land and Waste Management, SCDHEC.	
RESPONS	E REQUIRED
) Memo () Letter () Report

EPA - REGION IV SESD, ATHENS, GA

Production Date: 11/19/2004 08:45

Sample

487 FY 2005

Facility: Barite Hill/Nevada Goldfields

Project: 05-0054

Produced by: Goddard, Denise:

Requestor:

Project Leader: WJOYNER Beginning: 10/26/2004 16:50

Ending:

Program: SF Id/Station: BH001SE / Media: SEDIMENT

SPECIFIED TESTS

Case No: 33464 MD No: 2SX6

McCormick, SC

Inorg Contractor: CHEM

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS UNITS 0.18 UJ MG/KG ANALYTE Cyanide

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. | Benefit is an estimate. | UJ-Analyte not detected at or above reporting limit. | UJ-Identification of analyte is acceptable; reported value is an estimate. N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported as tentative identification. K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.

EPA - REGION IV SESD. ATHENS, GA

Production Date: 11/19/2004 08:45

Sample

488 FY 2005

Project: 05-0054

Produced by: Goddard, Denise

Requestor:

Project Leader: WJOYNER Beginning: 10/26/2004 16:55

Ending:

SPECIFIED TESTS

Facility: Barite Hill/Nevada Goldfields

Program: SF

McCormick, SC

Id/Station: BH001SW /

Case No: 33464

MD No: 2SX7

Inorg Contractor: BONNER

RESULTS UNITS

10 U UG/L

Media: SURFACE WATER

ANALYTE Cvanide

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate. N-Presumptive evidence analyte is present; analyte reported as tentative identification. I NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate. K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.

L-identification of analyte is acceptable; reported value may be blased low. Actual value expected to be greater than reported value.

NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.

EPA - REGION IV SESD, ATHENS, GA

Production Date: 11/19/2004 08:45

Sample 489

489 FY 2005 Project: 05-0054

SPECIFIED TESTS

Facility: Barite Hill/Nevada Goldfields

McCormick, SC

Program: SF

wiccommon, ac

Case No: 33464

MD No: 2SX9

4

Inorg Contractor: BONNER

Produced by: Goddard, Denise

Requestor:

Project Leader: WJOYNER
Beginning: 10/26/2004 16:05

Ending:

Media: SURFACE WATER

RESULTS UNITS 10 U UG/L

Id/Station: BH002SW /

ANALYTE Cyanide

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit. Reporting limit is an estimate. N-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate. K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.

L-Identification of analyte is acceptable; reported value may be blased low. Actual value expected to be greater than reported value.

NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.

EPA - REGION IV SESD, ATHENS, GA

Production Date: 11/19/2004 08:45

Sample

490 FY 2005

Project: 05-0054

Produced by: Goddard, Denise

Requestor:

SPECIFIED TESTS

Facility: Barite Hill/Nevada Goldfields

Project Leader: WJOYNER

Program: SF

McCormick, SC

Case No: 33464

Beginning: 10/26/2004 16:23

Id/Station: BH003SE /

MD No: 2SY0

Ending:

Media: SEDIMENT

Inorg Contractor: BONNER

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS UNITS 0.32 UJ MG/KG ANALYTE Cyanide

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate. N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate. K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.

L-identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.

NA-Not Analyzed. I NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.

EPA - REGION IV SESD, ATHENS, GA

Production Date: 11/19/2004 08:45

Sample

Program: SF

491 FY 2005

Facility: Barite Hill/Nevada Goldfields

Project: 05-0054

McCormick, SC

Case No: 33464

Produced by: Goddard, Denise

Requestor:

Project Leader: WJOYNER

Beginning: 10/26/2004 11:34

Ending:

Id/Station: BH004SE / MD No: 2SY2

Inorg Contractor: BONNER

Media: SEDIMENT

SPECIFIED TESTS

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS UNITS ANALYTE 0.29 UJ MG/KG Cyanide

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. | Reporting limit is an estimate. N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate. K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.

EPA - REGION IV SESD, ATHENS, GA

Production Date: 11/19/2004 08:45

Sample

492 FY 2005

Project: 05-0054

Produced by: Goddard, Denise

Requestor:

Project Leader: WJOYNER Beginning: 10/26/2004 11:30

Ending:

SPECIFIED TESTS

Facility: Barite Hill/Nevada Goldfields

McCormick, SC

Program: SF

Case No: 33464

Id/Station: BH004SW / Media: SURFACE WATER

MD No: 2SY3

Inorg Contractor: BONNER

RESULTS UNITS

10 U UG/L ANALYTE Cyanide

U-Analyte not detected at or above reporting limit. | 3-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit. Reporting limit. N-Presumptive evidence analyte is present; analyte reported as tentative identification. I NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate. K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.

L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.

NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.

EPA - REGION IV SESD, ATHENS, GA

Production Date: 11/19/2004 08:45

Sample 493 F

493 FY 2005 Project: 05-0054

SPECIFIED TESTS

Facility: Barite Hill/Nevada Goldfields

McCormick, SC

Program: SF

Moodinion, oo

Id/Station: BH005SE / Media: SEDIMENT

MD No: 2SY4

Case No: 33464

Inorg Contractor: BONNER

Produced by: Goddard, Denise

Requestor:

Project Leader: WJOYNER Beginning: 10/26/2004 15:25

Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS UNITS 0.10 UJ MG/KG ANALYTE Cvanide

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. | Reporting limit is an estimate. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate. | K-Identification of analyte is acceptable; reported value may be blased high. Actual value expected to be less than the reported value.

L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.

NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.

EPA - REGION IV SESD, ATHENS, GA

Production Date: 11/19/2004 08:45

Sample

494 FY 2005

Project: 05-0054

Produced by: Goddard, Denise

Requestor:

Project Leader: WJOYNER

Beginning: 10/26/2004 15:20

Ending:

SPECIFIED TESTS

Facility: Barite Hill/Nevada Goldfields

McCormick, SC

Program: SF Id/Station: BH005SW / Case No: 33464

MD No: 2SY5

Inorg Contractor: BONNER

RESULTS UNITS

10 U UG/L

Media: SURFACE WATER

ANALYTE Cyanide

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. | Beporting limit is an estimate. N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate. K-identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.

L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.

NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.

EPA - REGION IV SESD, ATHENS, GA

Production Date: 11/19/2004 08:45

Sample

495 FY 2005

Project: 05-0054

SPECIFIED TESTS

Facility: Barite Hill/Nevada Goldfields

McCormick, SC

Program: SE

Id/Station: BH006SW /

Media: SURFACE WATER

Case No: 33464 MD No: 2SY6

Inorg Contractor: BONNER

Produced by: Goddard, Denise

Requestor:

Project Leader: WJOYNER Beginning: 10/26/2004 11:45

Ending:

ANALYTE RESULTS UNITS 48 UG/L Cvanide

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate. N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate. K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.

L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.

NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.

EPA - REGION IV SESD, ATHENS, GA

Production Date: 11/19/2004 08:45

Sample

496 FY 2005

Facility: Barite Hill/Nevada Goldfields

Project: 05-0054

Produced by: Goddard, Denise

Requestor:

Project Leader: WJOYNER

Beginning: 10/26/2004 12:15

Ending:

Program: SF Id/Station: BH006SE /

SPECIFIED TESTS

Case No: 33464

McCormick, SC

MD No: 2SY7

Inorg Contractor: BONNER

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS UNITS 260

Media: SEDIMENT

MG/KG

ANALYTE Cvanide

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate. N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate. K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.

L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value,

NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate, Reported value is "average" of replicates.

EPA - REGION IV SESD, ATHENS, GA

Production Date: 11/19/2004 08:45

Sample

497 FY 2005

Project: **05-0054**

Produced by: Goddard, Denise

Requestor:

SPECIFIED TESTS

Facility: Barite Hill/Nevada Goldfields

McCormick, SC

Project Leader: WJOYNER

Program: SF

Case No: 33464

Beginning: 10/26/2004 12:00

Id/Station: BH007SW / Media: SURFACE WATER MD No: 2SY8

Inorg Contractor: BONNER

Ending:

RESULTS UNITS

1300 UG/L **ANALYTE** Cyanide

U-Analyte not detected at or above reporting limit. | 3-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate. N-Presumptive evidence analyte is present; analyte reported as tentative identification. { NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate, K-Identification of analyte is acceptable, reported value may be biased high. Actual value expected to be less than the reported value,

L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.

NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyzed in replicate. Reported value is "average" of replicates.

EPA - REGION IV SESD, ATHENS, GA

Production Date: 11/19/2004 08:45

Sample

Program: SF

498 FY 2005

Project: 05-0054

SPECIFIED TESTS

Facility: Barite Hill/Nevada Goldfields

McCormick, SC

Id/Station: BH008SW /

Media: SURFACE WATER

Case No: 33464

MD No: 2\$Y9.

Inorg Contractor: BONNER

Produced by: Goddard, Denise

Requestor:

Project Leader: WJOYNER Beginning: 10/26/2004 12:25

Ending:

RESULTS UNITS

60 J UG/L **ANALYTE** Cyanide

U-Analyte not detected at or above reporting limit. | 3-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. | 8-Identification of analyte is acceptable; reported value is an estimate. N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate. K-identification of analyte is acceptable; reported value may be blased high. Actual value expected to be less than the reported value,

L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.

NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.

EPA - REGION IV SESD. ATHENS, GA

Production Date: 11/19/2004 08:45

Sample

34

499 FY 2005

Project: 05-0054

SPECIFIED TESTS

Facility: Barite Hill/Nevada Goldfields

McCormick, SC

Program: SF

Case No: 33464

Id/Station: BH009SF / Media: SEDIMENT

MD No: 2570

Inorg Contractor: BONNER

Produced by: Goddard, Denise

Requestor:

Project Leader: WJOYNER Beginning: 10/26/2004 11:35

Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS UNITS

MG/KG

ANALYTE Cvanide

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate. N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate. K-identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.

EPA - REGION IV SESD, ATHENS, GA

Production Date: 11/19/2004 08:45

Sample

500 FY 2005

Project: 05-0054

Produced by: Goddard, Denise

SPECIFIED TESTS

Facility: Barite Hill/Nevada Goldfields

McCormick, SC

Program: SF

Id/Station: BH010SE / Media: SEDIMENT

Case No: 33464

MD No: 2SZ1

Inorg Contractor: BONNER

Requestor:

Project Leader: WJOYNER Beginning: 10/26/2004 11:10

Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS UNITS

0.28 UJ MG/KG

ANALYTE Cyanide

U-Analyte not detected at or above reporting limit. J. J-Identification of analyte is acceptable; reported value is an estimate. J. UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate. N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate. K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.

L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.

NA-Not Analyzed. | NAt-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.

EPA - REGION IV SESD, ATHENS, GA

Production Date: 11/19/2004 08:45

Sample 501 FY 2005

Project: 05-0054

SPECIFIED TESTS

Program: SF

Facility: Barite Hill/Nevada Goldfields

McCormick, SC

Case No: 33464

MD No: 2SZ2

Inorg Contractor: BONNER

Produced by: Goddard, Denise

Requestor:

Project Leader: WJOYNER Beginning: 10/26/2004 12:35

Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS UNITS

Media: SEDIMENT

ld/Station: BH011SE /

ANALYTE 0.09 UJ MG/KG Cvanide

U-Analyte not detected at or above reporting limit. | 3-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. | 3-Identification of analyte is acceptable; reported value is an estimate. N-Presumptive evidence analyte is present; analyte reported as tentative Identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative Identification. Reported value is an estimate. K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.

L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.

NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.

EPA - REGION IV SESD. ATHENS. GA

Production Date: 11/19/2004 08:45

Sample

502 FY 2005

Project: 05-0054

Produced by: Goddard, Denise

Requestor:

Project Leader: WJOYNER

Beginning: 10/26/2004 15:40

DATA REPORTED ON DRY WEIGHT BASIS.

Endina:

Facility: Barite Hill/Nevada Goldfields Program: SF

McCormick, SC

Case No: 33464

Media: SEDIMENT

Id/Station: BH012SE /

SPECIFIED TESTS

Inorg Contractor: BONNER MD No: 2SZ3

RESULTS UNITS 0.81 UJ MG/KG

ANALYTE Cvanide

U-Analyte not detected at or above reporting limit. | J-[dentification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate. N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate. K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.

L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.

NA-Not Analyzed. | NAI-Not Analyzed due to interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.

EPA - REGION IV SESD, ATHENS, GA

Production Date: 11/19/2004 08:45

Sample

503 FY 2005

Project: 05-0054

SPECIFIED TESTS

Facility: Barite Hill/Nevada Goldfields

McCormick, SC

Program: SF

Case No: 33464

Id/Station: BH013SE / Media: SEDIMENT

MO No. 2074

MD No: 2SZ4

Inorg Contractor: BONNER

Produced by: Goddard, Denise

Requestor:

Project Leader: WJOYNER Beginning: 10/26/2004 10:50

Ending:

umg.

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS UNITS

1700 MG/KG

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ANALYTE Cyanide

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate. N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate. K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.

L-Identification of analyte is acceptable; reported value may be blased low. Actual value expected to be greater than reported value.

NA-Not Analyzed. | NAI-Not Analyzed due to interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.

EPA - REGION IV SESD, ATHENS, GA

Production Date: 11/19/2004 08:45

Sample

504 FY 2005

Project: 05-0054

Produced by: Goddard, Denise

Requestor:

Project Leader: WJOYNER

Beginning: 10/26/2004 10:45

Ending:

Facility: Barite Hill/Nevada Goldfields

McCormick, SC

Program: SF

SPECIFIED TESTS

Case No: 33464

Id/Station: BH013SW / Media: SURFACE WATER MD No: 2SZ5

Inorg Contractor: BONNER

RESULTS UNITS

10 UJ UG/L

ANALYTE Cyanide

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. | Exporting limit is an estimate.

N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.

K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value. L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.

NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.

EPA - REGION IV SESD, ATHENS, GA

Production Date: 11/19/2004 08:45

Sample 505 FY 2005

Project: 05-0054

SPECIFIED TESTS

Facility: Barite Hill/Nevada Goldfields

McCormick, SC

Program: SF

ld/Station: BH014SW / Media: SURFACE WATER Case No: 33464 MD No: 2SZ6

inorg Contractor: BONNER

Produced by: Goddard, Denise

Requestor:

Project Leader: WJOYNER Beginning: 10/26/2004 10:59

Ending:

RESULTS UNITS **ANALYTE** 10 U UG/L Cyanide

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. | Reporting limit is an estimate. N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate. K-identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.

L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.

NA-Not Analyzed. [NAI-Not Analyzed due to Interferences. [A-Analyte analyzed in replicate. Reported value is "average" of replicates.

EPA - REGION IV SESD, ATHENS, GA

Production Date: 11/19/2004 08:45

Sample

506 FY 2005

Project: **05-0054**

Produced by: Goddard, Denise

Requestor:

SPECIFIED TESTS

Facility: Barite Hill/Nevada Goldfields

McCormick, SC

Project Leader: WJOYNER

Program: SF

Beginning: 10/26/2004 11:14

Case No: 33464

Ending:

id/Station: BH015SE / Media: SEDIMENT

MD No: 2SZ7 Inorg Contractor: BONNER

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS UNITS 10

MG/KG

ANALYTE Cyanide

U-Analyte not detected at or above reporting limit. | J-identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit. Reporting limit is an estimate. N-Presumptive evidence analyte is present; analyte reported as tentative identification. I NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate. K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.

til-identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value,

NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.

EPA - REGION IV SESD, ATHENS, GA

Production Date: 11/19/2004 08:45

Sample

507 FY 2005

Project: 05-0054

Produced by: Goddard, Denise

Requestor:

Project Leader: WJOYNER Beginning: 10/26/2004 11:08

Ending:

SPECIFIED TESTS

Facility: Barite Hitl/Nevada Goldfields

McCormick, SC

Program: SF

Case No: 33464

MD No: 2SZ8

Inorg Contractor: BONNER

Id/Station: BH015SW / Media: SURFACE WATER

RESULTS UNITS 91 UG/L

ANALYTE Cyanide

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. | Position of analyte is acceptable; reported value is an estimate. N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate. K-Identification of analyte is acceptable; reported value may be blased high. Actual value expected to be less than the reported value.

L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.

NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.

EPA - REGION IV SESD, ATHENS, GA

Production Date: 11/19/2004 08:45

Sample

508 FY 2005

Project: 05-0054

Produced by: Goddard, Denise

Requestor:

Project Leader: WJOYNER Beginning: 10/26/2004 11:20

Ending:

SPECIFIED TESTS

Facility: Barite Hill/Nevada Goldfields

McCormick, SC

Program: SF

Case No: 33464

Id/Station: BH016SW /

MD No: 2SZ9

Inorg Contractor: BONNER

Media: SURFACE WATER

RESULTS UNITS 10 U UG/L

ANALYTE Cyanide

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate. K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.

L-Identification of analyte is acceptable; reported value may be blased low. Actual value expected to be greater than reported value.

NA-Not Analyzed. | NAI-Not Analyzed due to interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.

EPA - REGION IV SESD, ATHENS, GA

Production Date: 11/19/2004 08:45

509 FY 2005 Sample

Project: 05-0054

Produced by: Goddard, Denise

SPECIFIED TESTS

Facility: Barite Hill/Nevada Goldfields

McCormick, SC

Project Leader: WJOYNER

Program: SF Id/Station: BH017SO / Case No: 33464

Beginning: 10/26/2004 11:32

MD No: 2T00

Ending:

Requestor:

Media: SURFACE SOIL

Inorg Contractor: BONNER

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS UNITS 0.25 UJ MG/KG **ANALYTE** Cyanide

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. | For a second N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate. K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.

1-identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.

NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.

EPA - REGION IV SESD, ATHENS, GA

Production Date: 11/19/2004 08:45

Sample

510 FY 2005

Project: 05-0054

Produced by: Goddard, Denise

Requestor:

Project Leader: WJOYNER Beginning: 10/26/2004 11:30

SPECIFIED TESTS

Facility: Barite Hill/Nevada Goldfields

McCormick, SC

Program: SF Id/Station: BH018SO /

Media: SURFACE SOIL

Case No: 33464

MD No: 2T01

Inorg Contractor: BONNER

Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS UNITS 0.13 UJ MG/KG **ANALYTE** Cyanide

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate. N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate. K-tdentification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.

L-Identification of analyte is acceptable; reported value may be biased tow. Actual value expected to be greater than reported value.

NA-Not Analyzed. | NAI-Not Analyzed due to interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.

EPA - REGION IV SESD. ATHENS, GA

Production Date: 11/19/2004 08:45

511 FY 2005

Project: 05-0054

SPECIFIED TESTS

Facility: Barite Hill/Nevada Goldfields

McCormick, SC

Program: SF Id/Station: BH019SO /

Media: SURFACE SOIL

Sample

Case No: 33464

MD No: 2T02

Inorg Contractor: BONNER

Produced by: Goddard, Denise

Requestor:

Project Leader: WJOYNER Beginning: 10/26/2004 15:30

Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS UNITS **ANALYTE** 0.16 UJ MG/KG Cvanide

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. } UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate. N-Presumptive evidence analyte is present; analyte reported as tentative identification. I NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate. K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value. L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.

NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate, Reported value is "average" of replicates,

EPA - REGION IV SESD, ATHENS, GA

Production Date: 11/19/2004 08:45

Sample

Program: SF

43

512 FY 2005

Project: 05-0054

Produced by: Goddard, Denise

Project Leader: WJOYNER

Requestor:

SPECIFIED TESTS

Facility: Barite Hill/Nevada Goldfields

McCormick, SC

Case No: 33464

Id/Station: BH020SO / Media: SURFACE SOIL

MD No: 2T03

Inorg Contractor: BONNER

Beginning: 10/26/2004 15:40

Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS UNITS

MG/KG

ANALYTE Cyanide

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit. Reporting limit is an estimate. N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate. K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.

L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value:

NA-Not Analyzed. § NAI-Not Analyzed due to Interferences. § A-Analyte analyzed in replicate, Reported value is "average" of replicates.

EPA - REGION IV SESD, ATHENS, GA

Production Date: 11/19/2004 08:45

Produced by: Goddard, Denise

Requestor:

Project Leader: WJOYNER Beginning: 10/26/2004 15:51

Ending:

Facility: Barite Hill/Nevada Goldfields Program: SF

513 FY 2005

McCormick, SC

Project: 05-0054

Case No: 33464 MD No: 2T04

Inorg Contractor: BONNER

DATA REPORTED ON DRY WEIGHT BASIS

ld/Station: BH021SO / Media: SURFACE SOIL

SPECIFIED TESTS

Sample

RESULTS UNITS

ANALYTE 0.43 UJ MG/KG Cvanide

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate. N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate. K-identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.

L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.

NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate, Reported value is "average" of replicates.

EPA - REGION IV SESD, ATHENS, GA

Production Date: 11/19/2004 08:45

Sample

514 FY 2005

Project: 05-0054

SPECIFIED TESTS

Facility: Barite Hill/Nevada Goldfields

McCormick, SC

Program: SF

Case No: 33464

ld/Station: BH022SO /

MD No: 2T05

Media: SURFACE SOIL

Inorg Contractor: BONNER

Requestor:

Project Leader: WJOYNER Beginning: 10/26/2004 14:40

Produced by: Goddard, Denise

Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS UNITS 0.20 UJ - MG/KG ANALYTE Cyanide

U-Analyte not detected at or above reporting limit.

J. Identification of analyte is acceptable; reported value is an estimate.

U.-Analyte not detected at or above reporting limit.

Reporting limit.

Reporting limit. N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate. K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value...

L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.

NA-Not Analyzed, | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate, Reported value is "average" of replicates:

EPA - REGION IV SESD, ATHENS, GA

Project: 05-0054

SPECIFIED TESTS

Facility: Barite Hill/Nevada Goldfields

515 FY 2005

McCormick, SC

Program: SF

Sample

Case No: 33464

Id/Station: BH023SE / Media: SEDIMENT

MD No: 2T06

Inorg Contractor: BONNER

Produced by: Goddard, Denise

Requestor:

Project Leader: WJOYNER Beginning: 10/26/2004 14:25

Ending:

DATA REPORTED ON DRY WEIGHT BASIS

Production Date: 11/19/2004 08:45

RESULTS UNITS **ANALYTE** 3.4 U MG/KG Cyanide

U-Analyte not detected at or above reporting limit, | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit. Reporting limit is an estimate. N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate. K-identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.

L-Identification of analyte is acceptable; reported value may be blased low. Actual value expected to be greater than reported value.

NA-Not Analyzed. | NAi-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.

EPA - REGION IV SESD, ATHENS, GA

Production Date: 11/19/2004 08:45

Sample

516 FY 2005

Project: 05-0054

Facility: Barite Hill/Nevada Goldfields

McCormick, SC

Program: SF

Id/Station: BH024SW /

SPECIFIED TESTS

Case No: 33464

MD No: 2T07

Inorg Contractor: BONNER

Produced by: Goddard, Denise

Requestor:

Project Leader: WJOYNER Beginning: 10/26/2004 16:50

Ending:

RESULTS UNITS

10 U UG/L

Media: SURFACE WATER

ANALYTE Cyanide

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate. N-Presumptive evidence analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate. K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.

L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.

NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.

517 FY 2005

Facility: Barite Hill/Nevada Goldfields

EPA - REGION IV SESD, ATHENS, GA

Production Date: 11/19/2004 08:45 Produced by: Goddard, Denise

Requestor:

Project Leader: WJOYNER

Beginning: 10/26/2004 16:42

Ending:

Program: SF Id/Station: BH025SE / McCormick, SC Case No: 33464

Project: 05-0054

MD No: 2T08

Inorg Contractor: BONNER

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS UNITS 0.34 UJ MG/KG

Media: SEDIMENT

SPECIFIED TESTS

Sample

ANALYTE Cyanide

U-Analyte not detected at or above reporting limit. | J-identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate. N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate. K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.

L-identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.

NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.

EPA - REGION IV SESD. ATHENS, GA

Inorg Contractor: BONNER

Production Date: 11/19/2004 08:45

Sample

518 FY 2005

Project: 05-0054

Produced by: Goddard, Denise

SPECIFIED TESTS

Facility: Barite Hill/Nevada Goldfields

McCormick, SC

Program: SF

Id/Station: BH025SW /

Case No: 33464

MD No: 2T09

Project Leader: WJOYNER Beginning: 10/26/2004 16:40

Ending:

Requestor:

Media: SURFACE WATER

RESULTS UNITS 10 U UG/L

ANALYTE Cvanide

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate. N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate. K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.

L-Identification of analyte is acceptable; reported value may be blased low. Actual value expected to be greater than reported value.

NA-Not Analyzed. | NAI-Not Analyzed due to interferences. | A-Analyte analyzed in replicate, Reported value is "average" of replicates.

EPA - REGION IV SESD, ATHENS, GA

Production Date: 11/19/2004 08:45

519 FY 2005

Project: 05-0054

SPECIFIED TESTS

Sample

Facility: Barite Hill/Nevada Goldfields

McCormick, SC

Program: SF Id/Station: BH026SE /

Media: SEDIMENT

Case No: 33464

MD No: 2T10

lnorg Contractor: BONNER

Produced by: Goddard, Denise

Requestor:

Project Leader: WJOYNER Beginning: 10/26/2004 16:34

Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS UNITS **ANALYTE** 4.3 U MG/KG Cyanide

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. | Reporting limit is an estimate. N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate. K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value. L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value. NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.

EPA - REGION IV SESD, ATHENS, GA

Production Date: 11/19/2004 08:45

Sample

520 FY 2005

Project: 05-0054

Facility: Barite Hill/Nevada Goldfields

McCormick, SC

Program: SF ld/Station: BH026SW /

SPECIFIED TESTS

Case No: 33464

MD No: 2T11

Inorg Contractor: BONNER

Requestor:

Project Leader: WJOYNER Beginning: 10/26/2004 16:32

Produced by: Goddard, Denise

Ending:

RESULTS UNITS

10 U UG/L

Media: SURFACE WATER

ANALYTE Cyanide

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate. N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.

K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value. £-identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.

NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.

EPA - REGION IV SESD, ATHENS, GA

Production Date: 11/19/2004 08:45

521 FY 2005

Project: 05-0054

Facility: Barite Hill/Nevada Goldfields

McCormick, SC

Program: SF Id/Station: BH027SE / Media: SEDIMENT

SPECIFIED TESTS

Sample

Case No: 33464

MD No: 2T12

Inorg Contractor: BONNER

Produced by: Goddard, Denise

Requestor:

Project Leader: WJOYNER-Beginning: 10/26/2004 16:28

Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS UNITS MG/KG 11 U

ANALYTE Cvanide

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. | Position of analyte is acceptable; reported value is an estimate. N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate. K-Identification of analyte is acceptable; reported value may be blased high. Actual value expected to be less than the reported value. L-identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.

NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.

EPA - REGION IV SESD. ATHENS, GA

Production Date: 11/19/2004 08:45

Sample

Program: SF

522 FY 2005

Project: 05-0054

Produced by: Goddard: Denise

Requestor:

Project Leader: WJOYNER

Beginning: 10/26/2004 16:26

Ending:

SPECIFIED TESTS

Facility: Barite Hill/Nevada Goldfields

McCormick, SC

Id/Station: BH027SW /

Case No: 33464

MD No: 2T13

Inorg Contractor: BONNER

Media: SURFACE WATER

RESULTS UNITS 10 U UG/L

ANALYTE Cvanide

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. | Reporting limit is an estimate. N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate. K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.

L-identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value,

NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate, Reported value is "average" of replicates,

EPA - REGION IV SESD. ATHENS, GA

Production Date: 11/19/2004 08:45

Sample SPECIFIED TESTS

Facility: Barite Hill/Nevada Goldfields

523 FY 2005

Project: 05-0054

Produced by: Goddard, Denise

Requestor:

Project Leader: WJOYNER Beginning: 10/26/2004 14:40

Ending:

Program: SF Id/Station: BH028SF / McCormick, SC

Case No: 33464

Inorg Contractor: BONNER

Media: SEDIMENT

MD No: 2T14

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS UNITS

3.2 U MG/KG

ANALYTE Cvanide

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate. N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate. K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.

L-Identification of analyte is acceptable, reported value may be biased low. Actual value expected to be greater than reported value.

NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.

EPA - REGION IV SESD, ATHENS, GA

Production Date: 11/19/2004 08:45

524 FY 2005

Project: 05-0054

Facility: Barite Hill/Nevada Goldfields

McCormick, SC

Program: SF

Sample

Id/Station: BH028SW /

SPECIFIED TESTS

Case No: 33464

MD No: 2T15

Inorg Contractor: BONNER

Produced by: Goddard, Denise

Requestor:

Project Leader: WJOYNER Beginning: 10/26/2004 14:36

Ending:

Media: SURFACE WATER **RESULTS UNITS**

10 U UG/L

ANALYTE Cyanide

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate. N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate. K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value...

L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.

NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.

EPA - REGION IV SESD, ATHENS, GA

Production Date: 11/19/2004 08:45

Sample

525 FY 2005

Project: 05-0054

Produced by: Goddard, Denise

Requestor:

Project Leader: WJOYNER Beginning: 10/26/2004 16:54

Ending:

Program: SF Id/Station: BH024SE /

SPECIFIED TESTS

McCormick, SC

Case No: 33464

Inorg Contractor: BONNER

Media: SEDIMENT

MD No: 2T16

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS UNITS 3.6 U MG/KG

Facility: Barite Hitl/Nevada Goldfields

ANALYTE Cyanide

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. | Beporting limit is an estimate. N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate. K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.

L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.

NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.

EPA - REGION IV SESD, ATHENS, GA

Production Date: 11/19/2004 08:45

Sample

653 FY 2005

Project: 05-0054

Produced by: Goddard, Denise

Requestor:

SPECIFIED TESTS Facility: Barite Hill/Nevada Goldfields

McCormick, SC

Project Leader: WJOYNER

Program: SF

Case No: 33464

Beginning:

Id/Station: MD2SX8 /

Ending:

Media: SOIL

MD No: 2SX8 inorg Contractor: BONNER

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS UNITS

0.11 UJ MG/KG

ANALYTE Cvanide

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. N-Presumptive evidence analyte is present; analyte reported as tentative identification. I NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate. K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.

L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.

NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.

METAL	S 54	MPI	F 4	MAI	YSIS
111 L 1 173 L		AIWII L			

Production Date: 01/28/2005 16:00

365 FY 2005 Project: 05-0044

Metals Scan

Sample

Facility: Barite Hill/Nevada Goldfields

McCormick, SC

Program: SF

Id/Station: BH001SE / Media: SEDIMENT

Produced by: VanCuron, Francine

Requestor:

Project Leader: WJOYNER Beginning: 10/26/2004 16:50

Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULT	'S UNI	ITS	ANALYTE
N	Α		Boron
2.0 U	MG	KG	Silver
4.1 A	J MG	KG	Arsenic
1600 A	MG	KG	Barium
0.84 A	MG	KG	Beryllium
0.24 U	MG	KG	Cadmium
24 A			Cobalt
43 A			Chromium
49 A			Copper
1.0 U			Molybdenum
6.3 A			Nickel
150 A			Lead
0.29 U			Antimony
0.50 U	J MG	KG	Seienium
2.0 U		/KG	Tin
8.8 A	MG/	KG	Strontium
67 A		/KG	Titanium
0.25 U		/KG	Thallium
97 A		/KG	Vanadium
5.0 A			Yttrium
100 A			Zinc
0.094 U			Total Mercury
6900 A			Aluminum
1500 A			Manganese
550 A	-		Calcium
510 A			Magnesium
79000 A			Iron
400 U			Sodium
200 U		KG	Potassium
21 A	. %		% Moisture

LCS Recovery outside Method Acceptance Criteria for Ca. Per Cent Moisture Determined at 60 Degrees Celsius.

Matrix Spike Recoutside Method Acceptance Criteria for Mo, As, Sb, Se. Matrix Precision outside Method Acceptance Criteria for Cr, As, Pb, Ti.

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. | Reporting limit is an estimate. | N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate. | K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.

L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.

NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.

160 A

490 A

11 A

5.8 A

1.3 A

6.2 A

1.0 U

UG/L

UG/L

MG/L

MG/L

MG/L

MG/L

MG/L

Aluminum

Calcium

Sodium

Potassium

ron

Manganese

Magnesium

EPA - REGION IV SESD. ATHENS, GA

Production Date: 01/28/2005 16:00

Produced by: VanCuron, Francine 366 FY 2005 Project: 05-0044 Sample Requestor: Metals Scan Project Leader: WJOYNER Facility: Barite Hill/Nevada Goldfields McCormick, SC Beginning: 10/26/2004 16:55 Program: SF Ending: ld/Station: BH001SW / Media: SURFACE WATER RESULTS UNITS ANALYTE 5.0 U UG/L Silver 2.5 U UG/L Arsenic 71 A UG/L Barium 3.0 U UG/L Bervllium 1.2 U UG/L Cadmium 5.0 U UG/L Cobalt 5.0 U UG/L Chromium 5.0 U UG/L Copper 5.0 U UG/L Molybdenum 10 U UG/L Nickel 2.5 U UG/I Lead 2.5 U UG/L Antimony 5.0 U UG/L Selenium 15 U UG/E Tìn 68 A UG/L Strentium 5.0 U UG/L Titanium 2.5 U UG/L Thallium 5.0 U UG/L Vanadium 3.0 U UG/L Yttrium 10 U UG/L Zìnc 0.20 U UG/L Total Mercury

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. | Reporting limit is an estimate. | N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported value is an estimate. | K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.

L-identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.

NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.

META!	Q Q.	AAADI	$= \Delta V$	IAI \	219

Production Date: 01/28/2005 16:00

Produced by: VanCuron, Francine Sample 367 FY 2005 Project: 05-0044 Requestor: Metals Scan Project Leader: WJOYNER Facility: Barite Hill/Nevada Goldfields McCormick, SC Beginning: 10/26/2004 16:10 Program: SF Ending: Id/Station: BH002SE / Media: SEDIMENT DATA REPORTED ON DRY WEIGHT BASIS R

RESULTS	UNITS	ANALYTE
2.0 U	MG/KG	Silver
0.46	MG/KG	Arsenic
72	MG/KG	Barium
1.3	MG/KG	Beryilium
0.17 U	MG/KG	Cadmium
44	MG/KG	Cobalt
140	MG/KG	Chromium
14	MG/KG	Copper
1.0 U	MG/KG	Molybdenum
6.5	MG/KG	Nickel
26	MG/KG	Lead
0.25 U	MG/KG	Antimony
0.50 U	MG/KG	Selenium
2.0 U	MG/KG	Tin
10	MG/KG	Strontium
160	MG/KG	Titanium
0.25 U	MG/KG	Thallium
220	MG/KG	Vanadium
7.5	MG/KG	Yttrium
32	MG/KG	Zinc
0.096 U	MG/KG	Total Mercury
13000	MG/KG	Aluminum
1800	MG/KG	Manganese
1300 J	MG/KG	Calcium
2300	MG/KG	Magnesium
95000	MG/KG	iron
400 U	MG/KG	Sodium
200 U	MG/KG	Potassium
24	%	% Moisture

LCS Recovery outside Method Acceptance Criteria for Ca. Per Cent Moisture Determined at 60 Degrees Celsius.

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate. | N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported value is an estimate. | K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.

L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.

NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.

UG/L

MG/L

MG/L

MG/L

MG/L

MG/L

Calcium

Sodium

Potassium

lron

Magnesium

43

27

0.10 U

23

1.5

Production Date: 01/28/2005 16:00

Produced by: VanCuron, Francine Sample FY 2005 Project: 05-0044 Requestor: Metals Scan Project Leader: WJOYNER Facility: Barite Hill/Nevada Goldfields McCormick, SC Beginning: 10/26/2004 16:05 Program: SF Ending: ld/Station; BH002SW / Media: SURFACE WATER **ANALYTE RESULTS UNITS** 5.0 U UG/L Silver 2.5 U UG/L Arsenic 35 UG/L Barium 3.0 U Bervllium UG/L 1.2 U UG/L Cadmium 5.0 U UG/L Cobalt 5.0 U Chromium UG/L 5.0 U UG/L Copper 5.0 U UG/L Molybdenum 10 U UG/L Nickel 2.5 U UG/L Lead 2.5 U UG/L **Antimony** 5.0 U UG/L Selenium 18 UG/L Tin 210 UG/L Stronti⊔m 5.0 U UG/L Titanium 2.5 U UG/L Thallium 5.0 U UG/L Vanadium 3.0 U UG/L Yttrium 10 U UG/L Zinc 0.20 U UG/L Total Mercury 50 U UG/L Aluminum 22 Manganese

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit. Reporting limit is an estimate. N-Presumptive evidence analyte is present; analyte reported as tentative identification. [NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate. K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.

L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.

NA-Not Analyzed, | NAI-Not Analyzed due to interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.

Production Date: 01/28/2005 16:00

Sample 369 FY 2005 Project: 05-0044

Metals Scan
Facility: Barite Hill/Nevada Goldfields McCormick, SC Beginning: 10/26/2004 16:23
Program: SF
Id/Station: BH003SE /
Media: SEDIMENT

Produced by: VanCuron, Francine
Requestor:
Project Leader: WJOYNER
Beginning: 10/26/2004 16:23
Ending:

DATA RÉPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE		 	***************************************	******
0.99 U	MG/KG	Sitver				
2.1	MG/KG	Arsenic				
180	MG/KG	Barium	•			
0.79	MG/KG	Beryllium				
0.22 U	MG/KG	Cadmium				
30	MG/KG	Cobalt				
34	MG/KG	Chromium				
26	MG/KG	Copper				
0.50 ป	MG/KG	Molybdenum				
9.3	MG/KG	Nickel				
17	MG/KG	Lead				
0.25 U	MG/KG	Antimony				
0.50 U	MG/KG	Selenium				
0.99 U	MG/KG	Tin				
17	MG/KG	Strontium				
98	MG/KG	Titanium				
0.25 U	MG/KG	Thallium				
93	MG/KG	Vanadium				
12	MG/KG	Yttrium				
46	MG/KG	Zi⊓c				
0.099 U	MG/KG	Total Mercury				
11000	MG/KG	Aluminum				
3500	MG/KG	Manganese				
2400 J	MG/KG	Calcium				
3500	MG/KG	Magnesium				
46000	MG/KG	Iron				
200 U	MG/KG	Sodium				
260	MG/KG	Potassium				
40	%	% Moisture				

LCS Recovery outside Method Acceptance Criteria for Ca. Per Cent Moisture Determined at 60 Degrees Celsius.

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate. | N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported value is an estimate. | K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.

L-Identification of analyte is acceptable; reported value may be blased low. Actual value expected to be greater than reported value.

NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.

Production Date: 01/28/2005 16:00

Sample 370 FY 2005 Project: 05-0044

Metals Scan
Facility: Barite Hill/Nevada Goldfields McCormick, SC
Program: SF
Id/Station: BH004SE /
Media: SEDIMENT

Requestor:
Project Leader: WJOYNER
Beginning: 10/26/2004 11:34
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
1.4	MG/KG	Silver
66	MG/KG	Arsenic
210	MG/KG	Barium
0.25 U	MG/KG	Beryllium
0.52	MG/KG	Cadmium
2.2	MG/KG	Cobalt
6.9	MG/KG	Chromium
180	MG/KG	Соррег
4.8	MG/KG	Molybdenum
1.4	MG/KG	Nickel
240	MG/KG	Lead
1.5	MG/KG	Antimony
13	MG/KG	Selenium
0.99 U	MG/KG	Tin
11	MG/KG	Strontium
47	MG/KG	Titanium
0.25 U	MG/KG	Thallium
26	MG/KG	Vanadium
0.74	MG/KG	Yttrium
61	MG/KG	Zinc
0.056	MG/KG	Total Mercury
1900	MG/KG	Aluminum
18	MG/KG	Manganese
92 J	MG/KG	Calcium
350	MG/KG	Magnesium
38000	MG/KG	Iron
200 U	MG/KG	Sodium
190	MG/KG	Potassium
24	%	% Moisture

LCS Recovery outside Method Acceptance Criteria for Ca. Per Cent Moisture Determined at 60 Degrées Celsius.

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate. | N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported value is an estimate. | K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.

L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.

NA-Not Analyzed, | NAI-Not Analyzed due to Interferences, | A-Analyte analyzed in replicate, Reported value is "average" of replicates.

14.7

Production Date: 01/28/2005 16:00

Sample 371 FY 2005 Project: 05-0044

Metals Scan

Facility: Barite Hill/Nevada Goldfields

McCormick, SC

Program: SF

Id/Station: BH004SW / Media: SURFACE WATER

Produced by: VanCuron, Francine

Requestor:

Project Leader: WJOYNER Beginning: 10/26/2004 11:30

Ending:

RESULTS	UNITS	ANALYTE
50 U	UG/L	Silver
270	UG/L	Arsenic
50 U	UG/L	Barium
30 U	UG/L	Beryllium
930	UG/L	Cadmium
730	UG/L	Cobalt
52	UG/L	Chromium
160000	UG/L	Copper
50 U	UG/L	Molybdenum
200	UG/L	Nickel
41	UG/L	Lead
5.0 ⋃	UG/L	Antimony
150	UG/L	Selenium
190	UG/L	Tin
200	UG/L	Strontium
50 U	UG/L	Titanium
5.0 U	UG/L	Thallium
50 U	UG/L	Vanadium
190	UG/L	Yttrium
22000	UG/L	Zinc
0.20 U	UG/L	Total Mercury
100000	UG/L	Aluminum
9500	UG/L	Manganese
260	MG/L	Calcium
49	MG/L	Magnesium
420	MG/L	Iron
61	MG/L	Sodium
10 U	MG/L	Potassium

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate. N-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate. K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.

L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.

NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.

2.9

100

0.095 U 5100

880

690

200

7.7

42000

260 J

200 U

MG/KG

%

Yttrium

Total Mercury

Aluminum

Calcium

Sodium

Potassium % Moisture

Iron

Manganese

Magnesium

Zinc

Production Date: 01/28/2005 16:00

Produced by: VanCuron, Francine 372 FY 2005 Project: 05-0044 Sample Requestor: **Metals Scan** Project Leader: WJOYNER Facility: Barite Hill/Nevada Goldfields McCormick, SC Beginning: 10/26/2004 15:25 Program: SF Ending: Id/Station: BH005SE / Media: SEDIMENT DATA REPORTED ON DRY WEIGHT BASIS **RESULTS UNITS ANALYTE** 0.99 U MG/KG Silver 6.5 MG/KG Arsenic 820 MG/KG Barium 0.42 MG/KG Beryllium 1.9 MG/KG Cadmium 16 MG/KG Cobalt 24 MG/KG Chromium 280 MG/KG Copper 0.76 MG/KG Molybdenum 2.8 MG/KG Nickel 49 MG/KG Lead 0.35 MG/KG Antimony 0.50 U MG/KG Selenium 0.99 U MG/KG Tin MG/KG Strontium 5.6 MG/KG Titanium 80 0.25 U MG/KG Thallium 55 MG/KG Vanadium

LCS Recovery outside Method Acceptance Criteria for Ca. Per Cent Moisture Determined at 60 Degrees Celsius.

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate. N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported value is an estimate. K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.

L-identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.

NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.

Production Date: 01/28/2005 16:00

Sample 373 FY 2005 Project: 05-0044

Metals Scan

Facility: Barite Hill/Nevada Goldfields

McCormick, SC

Program: SF

Id/Station: BH005SW / Media: SURFACE WATER

Produced by: VanCuron, Francine

Requestor:

Project Leader: WJOYNER Beginning: 10/26/2004 15:20

Ending:

Media: Surface WATER				
RESULTS	UNITS	ANALYTE		
50 U	. UG/L	Silver		
5.0 U	UG/L	Arsenic		
50 U	UG/L	Barium		
30 U	UG/L	Beryllium		
510	UG/L	Cadmium		
610	UG/L	Cobalt		
50 U	UG/L	Chromium		
66000	UG/L	Copper		
50 U	UG/L	Molybdenum		
120	UG/L	Nickel		
100	UG/L	Lead		
5.0 U	UG/L	Antimony		
61	UG/L	Selenium		
150 U	UG/L	Tin		
200	UG/L	Strontium		
50 U	UG/L	Titanium		
5.0 U	UG/L	Thallium		
50 U	UG/L	Vanadium		
230	UG/L	Yttrium		
14000	UG/L	Zinc		
0.20 U	UG/L	Total Mercury		
86000	UG/L	Aluminum		
13000	UG/L	Manganese		
140	MG/L	Calcium		
32	MG/L	Magnesium		
31	MG/L	ron		
34	MG/L	Sodium		
10 U	MG/L	Potassium		

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate. N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported value is an estimate. K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.

L-Identification of analyte is acceptable, reported value may be biased low. Actual value expected to be greater than reported value.

NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.

Production Date: 01/28/2005 16:00

Sample 374 FY 2005 Project: 05-0044 Produced by: VanCuron, Francine

Metals Scan

Facility: Barite Hill/Nevada Goldfields

McCormick, SC

Program: SF

Id/Station: BH006SW / Media: SURFACE WATER

Kequ

Requestor:

Project Leader: WJOYNER Beginning: 10/26/2004 11:45

Ending:

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RESULTS	UNITS	ANALYTE			-	 		
15 U	UG/L	Silver						
76	UG/L	Arsenic						
15 U	UG/L	Barium						
9.0 U	UG/L	Beryllium						
2.7	UG/L	Cadmium		•				
200	UG/L	Cobalt						
15 U	UG/L	Chromium						**
1200	UG/L	Copper						
2100	UG/L	Molybdenum						
40	UG/L	Nickel						
2.5 U	UG/L	L e ad						
7.6	UG/L	Antimony						
1200	UG/L	Selenium	•					
94	UG/L	Ţin						
420	UG/L	Strontium						
15 U	UG/L	Titanium						
2.5 U	UG/L	Thallium						
15 U	UG/L	Vanadium					:.	
9.0 U	UG/L	Yttrium						
130	UG/L	Zinc						
0.20 U	UG/L	Total Mercury		•				
300 U	UG/L	Aluminum		 1				
350	UG/L	Manganese						
12 0	MG/L	Calcium						
6.0 0.30 U	MG/L MG/L	Magnesium						
		Iron Sodium						
1200 J	MG/L	Sodium						
28	MG/L	Potassium						

Results Estimated-QC Limits Exceeded for Na.

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit. Reporting limit is an estimate. N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.

K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value, L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.

NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.

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METAL	S SAMPL	.E ANAL	.YSIS

Production Date: 01/28/2005 16:00

Produced by: VanCuron, Francine 375 FY 2005 Sample Project: 05-0044 Requestor: Metals Scan Project Leader: WJOYNER Facility: Barite Hill/Nevada Goldfields McCormick, SC Beginning: 10/26/2004 12:15 Program: SF Ending: Id/Station: BH007SE / Media: SEDIMENT DATA REPORTED ON DRY WEIGHT BASIS BEOLU EG 1811TO

RESULTS	UNITS	ANALYTE
60	MG/KG	Silver
160	MG/KG	Arsenic
32	MG/KG	Barium
5.0 U	MG/KG	Beryllium
6.8	MG/KG	Cadmium
190	MG/KG	Cobalt
21 U	MG/KG	Chromium
20000	MG/KG	Copper
290	MG/KG	Molybdenum
76	MG/KG	Nickel
5.9	MG/KG	Lead
2.2	MG/KG	Antimony
1700	MG/KG	Selenium
20 U	MG/KG	Tin
28	MG/KG	Strontium
9.9 U	MG/KG	Titanium
0.25 U	MG/KG	Thallium
20 U	MG/KG	Vanadium
24	MG/KG	Yttrium
620	MG/KG	Zinc
2.8 A	MG/KG	Total Mercury
3600	MG/KG	Aluminum
83	MG/KG	Manganese
5400 J	MG/KG	Calcium
500 U	MG/KG	Magnesium
8500	MG/KG	Iron
6100	MG/KG	Sodium
2000 U	MG/KG	Potassium
84	%	% Moisture

LCS Recovery outside Method Acceptance Criteria for Ca: Per Cent Moisture Determined at 60 Degrees Celsius.

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. | Reporting limit is an estimate. | N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported value is an estimate. | K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.

L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.

NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate, Reported value is "average" of replicates.

Media: SURFACE WATER

EPA - REGION IV SESD, ATHENS, GA

Production Date: 01/28/2005 16:00

Sample 376 FY 2005 Project: 05-0044

Metals Scan
Facility: Barite Hill/Nevada Goldfields McCormick, SC
Program: SF
Id/Station: BH007SW /

Produced by: VanCuron, Francine
Requestor:
Project Leader: WJOYNER
Beginning: 10/26/2004 12:00
Ending:

RESULTS	UNITS	ANALYTE
19	UG/L	Silver
140	UG/L	Arsenic
15 U	UG/L	Barium
9.0 U	UG/L	Beryllium
1.2 U	UG/L	Cadmium
290	UG/L	Cobalt
15 U	UG/L	Chromium
5100	UG/L	Copper
2600	UG/L	Molybdenum
37	UG/L	Nickel
2.5 U	UG/L	Lead
11	UG/L	Antimony
1800	UG/L	Selenium
98	UG/L	Tin
400	UG/L	Strontium
15 U	UG/L	Titanium
2.5 U	UG/L	Thallium
15 U	UG/L	Vanadium
9.0 U	UG/L	Yttrium
32	UG/L	Zinc
0.24	UG/L	Total Mercury
300 U	UG/L	Atuminum
140	UG/L	Manganese
130	MG/L	Calcium
5.6	MG/L	Magnesium
0.42	MG/L	Iron
1200 J	MG/L	Sodium
30	MG/L	Potassium

Results Estimated-QC Limits Exceeded for Na.

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. | Reporting limit is an estimate. | N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported value is an estimate. | K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.

L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.

NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyzed In replicate. Reported value is "average" of replicates.

METAL	S:	SA	MPL	Ψ.	ΔN	ΔI	YSIS

Production Date: 01/28/2005 16:00

Sample 377 FY 2005 Project: 05-0044

Metals Scan

Facility: Barite Hill/Nevada Goldfields McCormick, SC

Program: SF

Id/Station: BH008SW / Media: SURFACE WATER Produced by: VanCuron, Francine

Requestor:

Project Leader: WJOYNER Beginning: 10/26/2004 12:25

Ending:

Media: SUI	RFACE W	ATER	
RESULTS	UNITS	ANALYTE	
15 U	UG/L	Silver	
81	UG/L	Arsenic	
15 U	UG/L	Barium	
9.0 U	UG/L	Beryllium	
2.8	UG/L	Cadmium	
200	UG/L	Cobatt	
15 U	UG/L	Chromium	·
1200	UG/L	Copper	
2100	UG/L	Molybdenum	
40	UG/L	Nickel	
5.0 U	UG/L	Lead	
7.7	UG/L	Antimony	
1200	UG/L	Selenium	
90	UG/L	Tin	
390	UG/L	Strontium	
15 U	UG/L	Titanium	
5.0 ∪	UG/L	Thallium	
15 U	UG/L	Vanadium	
9.0 U	UG/L	Yttrium	
120	UG/L	Zinc	
0.20 U	UG/L	Total Mercury	
150 U	UG/L	Aluminum	
330	UG/L	Manganese	
120	MG/L	Calcium	
5.7	MG/L	Magnesium	
0,30 U	MG/L	lron	
11 <u>00</u> J	MG/L	Sodium	
27	MG/L	Potassium	

Results Estimated-QC Limits Exceeded for Na.

U-Analyte not detected at or above reporting limit. | 3-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. | Reporting limit. | 3-Identification of analyte is acceptable; reported value is an estimate. N-Presumptive evidence analyte is present; analyte reported as tentative identification. I NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate. K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.

L-identification of analyte is acceptable; reported value may be blased low. Actual value expected to be greater than reported value.

NA-Not Analyzed. | NAI-Not Analyzed due to interferences. | A-Analyze analyzed in replicate. Reported value is "average" of replicates.

Production Date: 01/28/2005 16:00

Sample 378 FY 2005 Project: 05-0044

Metals Scan

Facility: Barite Hill/Nevada Goldfields

Program: SF

Id/Station: BH009SE / Media: SEDIMENT

McCormick, SC

Project Leader: WJOYNER Beginning: 10/26/2004 11:35

Produced by: VanCuron, Francine

Ending:

Requestor:

DATA REPORTED ON DRY WEIGHT BASIS

. · ·		
RESULTS	UNITS	ANALYTE
5.0	MG/KG	Silver
4.7	MG/KG	Arsenic
170	MG/KG	Barium
0.33	MG/KG	Beryllium
0.44	MG/KG	Cadmium
19	MG/KG	Cobalt
15	MG/KG	Chromium
720	MG/KG	Соррег
6.7	MG/KG	Molybdenum
9.9	MG/KG	Nickel
10	MG/KG	L e ad
0.25 U	MG/KG	Antimony
45	MG/KG	Selenium
0.99 ป	MG/KG	Tin .
7.5	MG/KG	Strontium
54	MG/KG	Titanium
0.25 U	MG/KG	Thallium
70	MG/KG	Vanadium
7.5	MG/KĞ	Yttrlum
76	MG/KG	Zinc
0.075	MG/KG	Total Mercury
8600	MG/KG	Aluminum
190	MG/KG	Manganese
910 J	MG/KG	Calcium
1700	MG/KG	Magnesium
28000	MG/KG	Iron : : :
2200	MG/KG	Sodium
150	MG/KG	Potassium
13	%	% Moisture

LCS Recovery outside Method Acceptance Criteria for Ca. Per Cent Moisture Determined at 60 Degrees Celsius.

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. | Reporting limit. | Reporting limit. N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate. K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value,

L-identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.

NA-Not Analyzed | NAI-Not Analyzed due to Interferences, | A-Analyte analyzed in replicate. Reported value is "average" of replicates.

4			
METALS	SAMPL	FANAL	VSIC

Production Date: 01/28/2005 16:00

Sample 379 FY 2005 Project: 05-0044

Metals Scan

Facility: Barite Hill/Nevada Goldfields McCormick, SC Beginning: 10/26/2004 11:10

Program: SF
Id/Station: BH010SE /
Media: SEDIMENT

Project Leader: WJOYNER
Beginning: 10/26/2004 11:10

Ending:

DATA REPORTED ON DRY WEIGHT BASIS

UNITS	ANALYTE
MG/KG	Silver
MG/KG	Arsenic
MG/KG	Barium
MG/KG	Beryllium
MG/KG	Cadmium
MG/KG	Cobalt
MG/KG	Chromium
MG/KG	Copper
MG/KG	Mölybdenum
MG/KG	Nickel
MG/KG	Lead
MG/KG	Antimony
MG/KG	Selenium
MG/KG	Ţin
MG/KG	Strontium
MG/KG	Titanium
	Thallium
	Vanadium
MG/KG	Yttrium
MG/KG	Zinc
MG/KG	Total Mercury
MG/KG	Aluminum
MG/KG	Manganese
MG/KG	Calcium
MG/KG	Magnesium
MG/KG	Iron
MG/KG	Sodium
MG/KG	Potassium
%	% Moisture
	MG/KG

LCS Recovery outside Method Acceptance Criteria for Ca. Per Cent Moisture Determined at 60 Degrees Celsius.

U-Analyte not detected at or above reporting limit. § J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate. N-Presumptive evidence analyte is present; analyte reported as tentative identification. Presumptive evidence analyte is present; analyte reported value is an estimate. K-Identification of analyte is acceptable; reported value may be blased high. Actual value expected to be less than the reported value.

L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.

NA-Not Analyzed. | NAt-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.

METAL	MASS	NAI VSIS

Production Date: 01/28/2005 16:00

Produced by: VanCuron, Francine Sample 380 FY 2005 Project: 05-0044 Requestor: Metals Scan Project Leader: WJOYNER Facility: Barite Hill/Nevada Goldfields McCormick, SC Beginning: 10/26/2004 12:35 Program: SF Endina: Id/Station: RH011SE / Media: SEDIMENT DATA REPORTED ON DRY WEIGHT BASIS RESULTS UNITS **ANALYTE** 2011 MG/KG Silver 6.4 MG/KG Arsenic 2000 MG/KG Barium 0.50 U MG/KG Bervllium 0.17 U MG/KG Cadmium 10 MG/KG Cobalt 13 MG/KG Chromium 43 MG/KG Copper 0.99 U MG/KG Molybdenum 4.7 MG/KG Nickel 24 MG/KG Lead 0.25 U MG/KG Antimony 0.73MG/KG Selenium 2.0 U MG/KG Tin 20 MG/KG Strontium 140 MG/KG Titanium 0.25 U MG/KG Thallium 44 MG/KG Vanadium 7.4 MG/KG Yttrium 51 MG/KG Zinc 0.096 U MG/KG Total Mercury 8400 MG/KG Aluminum 390 MG/KG Manganese 1000 J MG/KG Calcium 2900 MG/KG Magnesium 26000 MG/KG Iron 400 U MG/KG Sodium -200 U MG/KG Potassium % Moisture 12 %

LCS Recovery outside Method Acceptance Criteria for Ca. Per Cent Moisture Determined at 60 Degrees Celsius.

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate. | K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.

L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.

NA-Not Analyzed. | NAI-Not Analyzed due to interferences. | A-Analyze analyzed in replicate. Reported value is "average" of replicates.

METAL	-	~ *		 	1/0/0
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Production Date: 01/28/2005 16:00

Sample 381 FY 2005 Project: 05-0044

Metals Scan

Facility: Barite Hill/Nevada Goldfields McCormick, SC

Program: SF
Id/Station: BH012SE /

Media: SEDIMENT

Media: SEDIMENT

Produced by: VanCuron, Francine
Requestor:
Project Leader: WJOYNER
Beginning: 10/26/2004 15:40
Ending:
DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
0.99 U	MG/KG	Silver
1.7	MG/KG	Arsenic
95	MG/KG	Barium
0.35	MG/KG	Beryllium
0.20	MG/KG	Cadmium
7.4	MG/KG	Cobalt
18	MG/KG	Chromium
55	MG/KG	Copper
0.69	MG/KG	Molybdenum
1.9	MG/KG	Nickel
22	MG/KG	Lead
0.25 U	MG/KG	Antimony
1.4	MG/KG	Selenium
0.99 U	MG/KG	Tin
4.6	MG/KG	Strontium
39	MG/KG	Titanium
0.25 U	MG/KG	Thallium
49	MG/KG	Vanadium
3.8	MG/KG	Yttrium
19	MG/KG	Zinc
0.097 U	MG/KG	Total Mercury
5900	MG/KG	Aluminum
490	MG/KG	Manganese
450 J	MG/KG	Calcium
580	MG/KG	Magnesium
31000	MG/KG	Iron
200 U	MG/KG	Sodium
99 U	MG/KG	Potassium
24	%	% Moisture

LCS Recovery outside Method Acceptance Criteria for Ca. Per Cent Moisture Determined at 60 Degrees Celsius.

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate. N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported value is an estimate. K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.

L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.

NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.

Production Date: 01/28/2005 16:00

Produced by: VanCuron, Francine 382 FY 2005 Project: 05-0044 Sample Requestor: Metals Scan Project Leader: WJOYNER Facility: Barite Hill/Nevada Goldfields McCormick, SC Beginning: 10/26/2004 10:50 Program: SF Endina: Id/Station: BH013SE / Media: SEDIMENT DATA REPORTED ON DRY WEIGHT BASIS RESULTS UNITS ANALYTE NA Boron 77 AJ MG/KG Silver 77 A MG/KG Arsenic 140 A MG/KG Barium 7.5 U MG/KG Bervllium 2.3 U MG/KG Cadmium 15 U MG/KG Cobalt 15 U MG/KG Chromium 24000 A MG/KG Copper 15 U MG/KG Molybdenum 220 A MG/KG Nickel 100 A MG/KG Lead 1.8 AJ MG/KG Antimony 280 A MG/KG Selenium 170 A MG/KG Tin 490 A MG/KG Strontium 48 AJ MG/KG Titanium 0.25 UJ MG/KG Thallium 30 U MG/KG Vanadium 15 U MG/KG Yttrium 460 A MG/KG Zinc 1.8 MG/KG Total Mercury 6000 A MG/KG Aluminum 110 AJ MG/KG Manganese 220000 AJ MG/KG Calcium 750 U MG/KG Magnesium 10000 A.L. MG/KG Iron 6000 U MG/KG Sodium 3000 U MG/KG Potassium 54 A % % Moisture

LCS Recovery outside Method Acceptance Criteria for Ca. Per Cent Moisture Determined at 60 Degrees Celsius.

Matrix Spike Rec. outside Method Acceptance Criteria for Ag, Sb, Tl. Matrix Precision outside Method Acceptance Criteria for Ti, Mn, Fe, Sb.

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate. N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported value is an estimate. K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.

L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.

NA-Not Analyzed. | NAt-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.

METALS	SAMPLE	ANALYSIS

Production Date: 01/28/2005 16:00

Produced by: VanCuron, Francine 383 FY 2005 Project: 05-0044 Sample Requestor: **Metals Scan** Project Leader: WJOYNER Facility: Barite Hill/Nevada Goldfields McCormick, SC Beginning: 10/26/2004 10:50 Program: SE Endina: Id/Station: BH013SW / Media: SURFACE WATER ANALYTE RESULTS UNITS 10 U UGA Silver 15 UG/L Arsenic 22 UG/I Barium 6.0 U UG/L Bervillium 1.2 U HG/L Cadmium 14 UG/I Cobalt 10 11 UG/I Chromium 420 UG/L Copper 480 UG/L Molybdenum 190 UG/I Nickel 2.5 U UG/I Lead 2.5 U UG/L Antimony 160 UG/L Selenium 30 U UG/L Tin 130 HĠA. Strontium 10 U UG/L Titanium 2.5 U UG/L Thallium 10 U UG/L Vanadium 6.0 U UG/L Yttrium

Results Estimated-QC Limits Exceeded for Na.

20 U

0.20 U

100 U

47

27

1.1

0.20 U

760 J

15

UG/L

UG/L

UG/L

UG/L

MG/L

MG/L

MG/L

MG/L

MG/L

Zinc

Iron Sodium

Total Mercury Aluminum

Manganese

Potassium

Calcium Magnesium

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate. K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.

L-identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.

NA-Not Analyzed. | NAI-Not Analyzed due to interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.

Production Date: 01/28/2005 16:00

Sample 384 FY 2005 Project: 05-0044

Metals Scan

Facility: Barite Hill/Nevada Goldfields

McCormick, SC

Program: SF

Id/Station: BH014SW / Media: SURFACE WATER

Requestor:

Project Leader: WJOYNER Beginning: 10/26/2004 10:59

Produced by: VanCuron, Francine

Ending:

Media: SUF	RFACE	WAT	ER

RESULTS	UNITS	ANALYTE
5.0 U	UG/L	Silver
2.5 U	UG/L	Arsenic
38	UG/L	Barium
3.0 U	UG/L	Beryllium
1.2 U	UG/L	Cadmium
5.0 U	UG/L	Cobalt
5.0 U	UG/L	Chromium
10	UG/L	Copper
9.3	UG/L	Molybdenum
16	UG/L	Nickel
2.5 U	UG/L	Lead
2.5 U	UG/L	Antimony .
5.0 U	UG/L	Selenium
15 U	UG/L	Tin
39	UG/L	Strontium
5.0 U	UG/L	Titanium
2.5 U	UG/L	Thallium
5.0 U	UG/L	Vanadium
3.0 U	UG/L	Yttrium
10 U	UG/L	Zinc
0.20 U	UG/L	Total Mercury
50 U	UG/L	Aluminum
120	ug/L	Manganese
7.8	MG/L	Calcium
0.45	MG/L	Magnesium
0.30	MG/L	lron
77	MG/L	Sodium
2.1	MG/L	Potassium

U-Analyte not detected at or above reporting limit. | J-identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate. N-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate. K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.

L-identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.

NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.

METAL	e e/	LOBE	$\mathbf{E} \mathbf{A}$	MAI	Vele
		9. IYI I - L.	^	***	···

Production Date: 01/28/2005 16:00

Sample 385 FY 2005 Project: 05-0044

Metals Scan

Facility: Barite Hill/Nevada Goldfields McCormick, SC

Program: SF
Id/Station: BH015SE /

Media: SEDIMENT

Produced by: VanCuron, Francine
Requestor:
Project Leader: WJOYNER
Beginning: 10/26/2004 11:14
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

1410dia: QL	D1101-141				DATA	KEPOK I ED ON DKI
RESULTS	UNITS	ANALYTE				
2.8	MG/KG	Silver				
30	MG/KG	Arsenic			•	
510	MG/KG	Barium	• •			
0.25 U	MG/KG	Beryllium				
0.49	MG/KG	Cadmium				
6.5	MG/KG	Cobalt				
17	MG/KG	Chromium				
500	MG/KG	Copper				
2.7	MG/KG	Molybdenum				
4.0	MG/KG	Nickel				
120	MG/KG	Lead				
1.1	MG/KG	Antimony				
6.0	MG/KG	Selenium				
1.0 U	MG/KG	Tin				: '.
30	MG/KG	Strontium				
62	MG/KG	Titanium				
0.25 U	MG/KG	Thallium				
27	MG/KG	Vanadium				
3.2	MG/KG	Yttrium				
52	MG/KG	Zinc				•
0.067	MG/KG	Total Mercury				
4400	MG/KG	Aluminum				
120	MG/KG	Manganese				
5300 J	MG/KG	Calcium				•
380	MG/KG	Magnesium				
26000	MG/KG	Iron				•
200 U	MG/KG	Sodium				
240	MG/KG	Potassium				
23	%	% Moisture				

LCS Recovery outside Method Acceptance Criteria for Ca. Per Cent Moisture Determined at 60 Degrees Celsius.

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate. | NJ-Presumptive evidence analyte is present; analyte reported value is an estimate. | K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.

L-Identification of analyte is acceptable; reported value may be blased low. Actual value expected to be greater than reported value.

NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.

Production Date: 01/28/2005 16:00

Sample 386 FY 2005 Project: 05-0044

Metals Scan

Facility: Barite Hill/Nevada Goldfields

McCormick, SC

Program: SF

Id/Station: BH015SW / Media: SURFACE WATER Produced by: VanCuron, Francine

Requestor:

Project Leader: WJOYNER Beginning: 10/26/2004 11:08

Ending:

Media: SURFACE WATER					
RESULTS	UNITS	ANALYTE			
10 U	UG/L	Silver			
18	UG/L	Arsenic			
24	UG/L	Barium			
6.0 U	UG/L	Beryllium			
1.2 U	UG/L	Cadmium			
15	UG/L	Cobalt			
10 U	UG/L	Chromium			
100	UG/L	Copper			
450	UG/L	Molybdenum			
240	UG/L	Nickel			
2.5 U	UG/L	Lead			
2.5 U	UG/L	Antimony			
200	UG/L	Selenium			
30 U	UG/L	Tin			
110	UG/L	Strontium			
10 U	UG/L	Ţitanium			
2.5 U	UG/L	Thallium			
10 U	UG/L	Vanadium			
6.0 U	UG/L	Yttrium			
20 U	UG/L	Zinc			
0.20 U	UG/L	Total Mercury			
100 U	UG/L	Aluminum			
43	UG/L	Manganese			
22	MG/L	Calcium			
1.3	MG/L	Magnesium			
0.20 U	MG/L	Iron			
830 J	MG/L	Sodium			
17	MG/L	Potassium			

Results Estimated-QC Limits Exceeded for Na.

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit. Reporting limit is an estimate. N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported value is an estimate. K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.

L-identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.

NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate, Reported value is "average" of replicates.

METAL	S SA	MPLE	ANAL	YSIS

Production Date: 01/28/2005 16:00

Sample 387 FY 2005 Project: 05-0044

Metals Scan

Facility: Barite Hill/Nevada Goldfields

McCormick, SC

Program: SF

Id/Station: BH016SW / Media: SURFACE WATER

Produced by: VanCuron, Francine

Requestor.

Project Leader: WJOYNER Beginning: 10/26/2004 11:20

Ending:

Media: SURFACE WATER					
RESULTS	UNITS	ANALYTE			
10 U	UG/L	Silver			
12 A	UG/L	Arsenic			
20	UG/L	Barium			
6.0 U	UG/L	Beryllium			
1.2 U	UG/L	Cadmium			
10 U	UG/L	Cobalt			
10 U	UG/L	Chromium			
94	UG/L	Copper			
380	UG/L	Molybdenum			
200	UG/L	Nickel			
2.5 U	UG/L	Lead			
2.5 U	UG/L	Antimony			
90 A	UG/L	Selenium			
30 U	UG/L	Tin			
110	UG/L	Strontium			
10 U	UG/L	Titanium			
2.5 U	UG/L	Thallium			
10 U	UG/L	Vanadium			
6.0 U	UG/L	Yttrium			
20 U	UG/L	Zinc			
0.20 U	UG/L	Total Mercury			
100 U	UG/L	Aluminum			
62	UG/L	Manganese			
21	MG/L	Calcium			
1.2	MG/L	Magnesium			
0.20 U	MG/L	lron			
760 J	MG/L	Sodium			
15	MG/L	Potassium			

Results Estimated-QC Limits Exceeded for Na.

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting

L-Identification of analyte is acceptable; reported value may be blased low. Actual value expected to be greater than reported value.

NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyze analyzed in replicate. Reported value is "average" of replicates.

METAL	SS	AMPLI	E ANA	LYSIS
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Production Date: 01/28/2005 16:00

Produced by: VanCuron, Francine 388 FY 2005 Sample Project: 05-0044 Requestor: Metals Scan Project Leader: WJOYNER Facility: Barite Hill/Nevada Goldfields McCormick, SC Beginning: 10/26/2004 11:32 Program: SF Ending: ld/Station: BH017SO / Media: SURFACE SOIL DATA REPORTED ON DRY WEIGHT BASIS RESULTS UNITS **ANALYTE** 2.0 U MG/KG Silver 0.62 MG/KG Arsenic 110 MG/KG Barium 0.50 U MG/KG Beryllium 0.12 U MG/KG Cadmium 3.0 MG/KG Cobalt MG/KG Chromium 35 110 MG/KG Copper 1.0 U Molvodenum MG/KG 3.5 MG/KG Nickel 13 MG/KG Lead 0.25 U MG/KG Antimony 0.50 U MG/KG Selenium 2.0 U MG/KG 1.2 MG/KG Strontium 170 MG/KG Titanium 0.25 U MG/KG Thallium 120 MG/KG Vanadium 2.2 MG/KG Yttrium 40 MG/KG Zinc 0.099 U MG/KG Total Mercury 8000 MG/KG Aluminum 240 MG/KG Manganese 80 J MG/KG Calcium 180 MG/KG Magnesium 49000 MG/KG Iron 400 U MG/KG Sodium MG/KG Potassium 200 U 13 % % Moisture

LCS Recovery outside Method Acceptance Criteria for Ca. Per Cent Moisture Determined at 60 Degrees Celsius.

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate. N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate. K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.

L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.

NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.

METALS	SAMPL	E ANAL	YSIS

Production Date: 01/28/2005 16:00

Sample 389 FY 2005 Project: 05-0044

Metals Scan

Facility: Barite Hill/Nevada Goldfields McCormick, SC

Program: SF
id/Station: BH018SO /

Media: SURFACE SOIL

Project: 05-0044

Requestor:
Project Leader: WJOYNER

Beginning: 10/26/2004 11:30

Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
2.0 U	MG/KG	Silver
0.65	MG/KG	Arsenic
1400	MG/KG	Barium
0.50 U	MG/KG	Beryllium
0.24	MG/KG	Cadmium
7.4	MG/KG	Cobalt
46	MG/KG	Chromium
110	MG/KG	Copper
0.99 U	MG/KG	Molybdenum
6.6	MG/KG	Nickel
30	MG/KG	Lead
0.25 U	MG/KG	Antimony
0.50 U	MG/KG	Selenium
2.0 U	MG/KG	Tin
3.1	MG/KG	Strontium
200	MG/KG	Titanium
0.25 U	MG/KG	Thallium
120	MG/KG	Vanadium
3.6	MG/KG	Yttrium
4 4	MG/KG	Zinc
0.094 U	MG/KG	Total Mercury
7100	MG/KG	Aluminum
580	MG/KG	Manganese
64 J	MG/KG	Calcium
200	MG/KG	Magnesium
46000	MG/KG	ŀron
400 U	MG/KG	Sodium
200 U	MG/KG	Potassium
18	%	% Moisture

LCS Recovery outside Method Acceptance Criteria for Ca. Per Cent Moisture Determined at 60 Degrees Celsius.

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit. Reporting limit is an estimate. N-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate. K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.

L-Identification of analyté is acceptable; reported value may be biased low. Actual valué expected to be greater than reported value,

NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.

Production Date: 01/28/2005 16:00

Sample 390 FY 2005 Project: 05-0044

Metals Scan

Facility: Barite Hill/Nevada Goldfields McCormick, SC

Program: SF
Id/Station: BH019SO /

Media: SURFACE SOIL

Requestor:
Project Leader: WJOYNER

Beginning: 10/26/2004 15:30

Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS UNITS ANALYTE

1.5 A MG/KG Silver

RESULTS	UNITS	ANALYTE
1.5 A	MG/KG	Silver
39 AJ	MG/KG	Arsenic
870 AJ	MG/KG	Barium
0.30 U	MG/KG	Beryllium
0.12 U	MG/KG	Cadmium
2.6 AJ	MG/KG	Cobalt
8.9 A	MG/KG	Chromium
96 AJ	MG/KG	Copper
0.80 AJ	MG/KG	Molybdenum
1.0 U	MG/KG	Nickel
200 A	MG/KG	Lead
- 1.4 AJ	MG/KG	Antimony
1.3 AJ	MG/KG	Selenium
1.5 U	MG/KG	Tin
8.3 A	MG/KG	Strontium
55 A	MG/KG	Titanium
0.25 U	MG/KG	Thallium
33 A	MG/KG	Vanadium
0.46 A	MG/KG	Yttrium
12 A	MG/KG	Zinc
0.14	MG/KG	Total Mercury
3300 A	MG/KG	Aluminum
92 AJ	MG/KG	Manganese
530 AJ	MG/KG	Calcium
490 A	MG/KG	Magnesium
31000 AJ	MG/KG	Iron
100 U	MG/KG	Sodium
180 A	MG/KG	Potassium
11	%	% Moisture

LCS Rec. outside Meth. Acceptance Criteria for Ca, Fe and Prec. for Ca. Matrix Precision outside Meth. Accept. Crit. for As, Co, Mo, Mn, Sb, Se.

Matrix Spike Rec. outside Method Acceptance Criteria for Ba, Sb, Se, Mo. Matrix Spike Prec. outside Guidance Levels for As, Cu, Mo, Sb, Se.

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate. N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate. K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.

L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.

NA-Not Analyzed. | NAI-Not Analyzed due to Interferences, | A-Analyte analyzed in replicate. Reported value is "average" of replicates.

METALS	SAMPLE	ANALYSIS

Production Date: 01/28/2005 16:00

Produced by: VanCuron, Francine 391 FY 2005 Project: 05-0044 Sample Requestor: **Metals Scan** Project Leader: WJOYNER Facility: Barite Hill/Nevada Goldfields McCormick, SC Beginning: 10/26/2004 15:40 Program: SF Ending: ld/Station: BH020SO / Media: SURFACE SOIL DATA REPORTED ON DRY WEIGHT BASIS

modia: 001		I fram	***
RESULTS	UNITS	ANALYTE	
0.68	MG/KG	Silver	
5.3	MG/KG	Arsenic	•
860	MG/KG	Barium	
0.30 U	MG/KG	Beryllium	
0.43	MG/KG	Cadmium	
1,3	MG/KG	Cobalt	
5.7	MG/KG	Chromium	
78	MG/KG	Copper	
0.50 U	MG/KG	Molybdenum	
2.0 U	MG/KG	Nickel	
28	MG/KG	Lead	
0.25 U	MG/KG	Antimony	
1.0	MG/KG	Selenium	
1.5 U	MG/KG	Tin	
9.7	MG/KG	Strontium	
37	MG/KG	Titanium	
0.25 U	MG/KG	Thallium	
31	MG/KG	Vanadium	
0.67	MG/KG	Yttrium	·
16	MG/KG	Zinc	
0.098 U	MG/KG	Total Mercury	
3100	MG/KG	Aluminum	
32	MG/KG	Manganese	
180 J	MG/KG	Calcium	
200	MG/KG	Magnesium	
23000 J	MG/KG	Iron	
220	MG/KG	Sodium	
150	MG/KG	Potassium	
10	%	% Moisture	

LCS Recovery outside Method Acceptance Criteria for Ca and Fe. LCS Precision outside Method Acceptance Criteria for Ca.

Per Cent Moisture Determined at 60 Degrees Celsius.

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UI-Analyte not detected at or above reporting limit. Reporting limit is an estimate. N-Presumptive evidence analyte is present; analyte reported as tentative identification. I NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate. K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.

L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.

NA-Not Analyzed. | NAt-Not Analyzed due to Interferences, | A-Analyte analyzed in replicate. Reported value is "average" of replicates.

Production Date: 01/28/2005 16:00

Sample 392 FY 2005 Project: 05-0044 Produced by: VanCuron, Francine Requestor:

Facility: Barite Hill/Nevada Goldfields McCormick, SC Beginning: 10/26/2004 15:51

Program: SF Ending: Id/Station: BH021SO /

Media: SURFACE SOIL DATA REPORTED ON DRY WEIGHT BASIS

							Britis (TIZI CIT)
RESULTS	UNITS	ANALYTE			 		
1.3	MG/KG	Silver					:.
56	MG/KG	Arsenic					
1100	MG/KG	Barium					
0.60 U	MG/KG	Beryllium			: :		
0.12 U	MG/KG	Cadmium					
1.0 U	MG/KG	Cobalt			:		
6.6	MG/KG	Chromium					
230	MG/KG	Copper					
1.0 U	MG/KG	Molybdenum					
2.0 U	MG/KG	Nickel			•		
80	MG/KG	Lead				•	
-1.0	MG/KG	Antimony			 		
1,3	MG/KG	Selenium					
3.0 U	MG/KG	Tin					
9.3	MG/KG	Strontium					
55	MG/KG	Titanium					
0.25 U	MG/KG	Thallium					
24	MG/KG	Vanadium					
0.78	MG/KG	Yttrium					
23	MG/KG	Zinc					
0.098 U	MG/KG	Total Mercury					
2400	MG/KG	Aluminum					
27 U	MG/KG	Manganese		**			
59 J	MG/KG	Calcium	٠.				
50 U	MG/KG	Magnesium					
32000 J	MG/KG	Iron					
200 U	MG/KG	Sodium					
200 U	MG/KG	Potassium					
12	%	% Moisture					

LCS Recovery outside Method Acceptance Criteria for Ca and Fe. LCS Precision outside Method Acceptance Criteria for Ca.

Per Cent Moisture Determined at 60 Degrees Celsius.

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate. N-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate. K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.

L-identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value:

NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.

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METALS	SAMPLE	E ANALYSIS

Production Date: 01/28/2005 16:00

Sample 393 FY 2005 Project: 05-0044

Metals Scan

Facility: Barite Hill/Nevada Goldfields

McCormick, SC

Program: SF

ld/Station: BH022SO / Media: SURFACE SOIL Produced by: VanCuron, Francine

Requestor:

Project Leader: WJOYNER Beginning: 10/26/2004 14:40

Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
1.7	MG/KG	Silver
7.3	MG/KG	Arsenic
1200	MG/KG	Barium
0.60 U	MG/KG	Beryllium
0.40	MG/KG	Cadmium
1.4	MG/KG	Cobalt
19	MG/KG	Chromium
250	MG/KG	Copper
1.0 U	MG/KG	Molybdenum
4.0 U	MG/KG	Nickel
76	MG/KG	Lead
0.32	MG/KG	Antimony
0.50 U	MG/KG	Selenium
3.0 U	MG/KG	Tin
8.4	MG/KG	Strontium
120	MG/KG	Titanium
0.25 U	MG/KG	Thallium
87	MG/KG	Vanadium
3.0	MG/KG	Yttrium
24	MG/KG	Zinç
0.073 A	MG/KG	Total Mercury
7200	MG/KG	Aluminum
130	MG/KG	Manganese
180 J	MG/KG	Calcium
250	MG/KG	Magnesium
36000 J	MG/KG	Iron
200 U	MG/KG	Sodium
200 U	MG/KG	Potassium
43	% .	% Moisture

LCS Recovery outside Method Acceptance Criteria for Ca and Fe. LCS Precision outside Method Acceptance Criteria for Ca.

Per Cent Moisture Determined at 60 Degrees Celsius.

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate. N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported value is an estimate. K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.

L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.

NA-Not Analyzed. I NAI-Not Analyzed due to Interferences. I A-Analyte analyzed in replicate. Reported value is "average" of replicates.

Production Date: 01/28/2005 16:00

Produced by: VanCuron, Francine Sample 394 FY 2005 Project: 05-0044 Requestor: **Metals Scan** Project Leader: WJOYNER Facility: Barite Hill/Nevada Goldfields McCormick, SC Beginning: 10/26/2004 14:25 Program: SF Endina: Id/Station: BH023SE / Media: SEDIMENT DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE	
0.99 U	MG/KG	Silver	
7.9	MG/KG	Arsenic	
1900	MG/KG	Barium	
0.60 U	MG/KG	Beryllium	
0.14 U	MG/KG	Cadmium	
3.3	MG/KG	Cobalt	.*
15	MG/KG	Chromium	
110	MG/KG	Copper	•
1.1	MG/KG	Molybdenum	
2.0 U	MG/KG	Nickel	
130	MG/KG	Lead	•
0.68	MG/KG	Antimony	
0.50 U	MG/KG	Selenium	
3.0 U	MG/KG	Tin	
6.5	MG/KG	Strontium	
90	MG/KG	Titanium	•
0.25 U	MG/KG	Thallium	
49	MG/KG	Vanadium	
1.1	MG/KG	Yttrium	
24	MG/KG	Zinc	
0.0 50 U	MG/KG	Total Mercury	
4600	MG/KG	Aluminum	
93	MG/KG	Manganese	
58 J	MG/KG	Calcium	
87	MG/KG	Magnesium	
45000 J	MG/KG	Iron	,
200 U	MG/KG	Sodium	•
200 U	MG/KG	Potassium	
24	%	% Moisture	

LCS Recovery outside Method Acceptance Criteria for Ca and Fe. LCS Precision outside Method Acceptance Criteria for Ca.

Per Cent Moisture Determined at 60 Degrees Celsius.

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. | p-Identification of analyte is acceptable; reported value is an estimate. N-Presumptive evidence analyte is present; analyte reported as tentative identification. I NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate. K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.

L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.

NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.

MET	ALS	SAN	MPLE	ANA	LYSIS

Production Date: 01/28/2005 16:00

Sample 395 FY 2005 Project: 05-0044

Metals Scan
Facility: Barite Hill/Nevada Goldfields McCormick, SC
Program: SF
Id/Station: 8H024SE /
Media: SEDIMENT

Produced by: VanCuron, Francine
Requestor:
Project Leader: WJOYNER
Beginning: 10/26/2004 16:54
Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE
1.7	MG/KG	Silver
8.5	MG/KĞ	Arsenic
1800	MG/KG	Barium
0.60 U	MG/KG	Beryllium
0.17 U	MG/KG	Cadmium
2.0	MG/KG	Cobalt
17	MG/KG	Chromium
130	MG/KG	Copper
0.99 U	MG/KG	Molybdenum
2.0 U	MG/KG	Nickel
210	MG/KG	Lead
0.50	MG/KG	Antimony
0.50 U	MG/KG	Selenium
3.0 U	MG/KG	Tin
9.9	MG/KG	Strontium
100	MG/KG	Titanium
0.25 U	MG/KG	Thailium
59	MG/KG	Vanadium
2.0	MG/KG	Yttrium
22	MG/KG	Zinc
0.059	MG/KG	Total Mercury
5500	MG/KG	Aluminum
130	MG/KG	Manganese
120 J	MG/KG	Calcium
210	MG/KG	Magnesium
41000 J	MG/KG	Iron
200 U	MG/KG	Sodium
200 U	MG/KG	Potassium
30	%	% Moisture

LCS Recovery outside Method Acceptance Criteria for Ca and Fe. LCS Precision outside Method Acceptance Criteria for Ca.

Per Cent Moisture Determined at 60 Degrees Celsius.

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. | Reporting limit. Reporting limit is an estimate. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate. K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.

L-identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.

NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.

Production Date: 01/28/2005 16:00

Produced by: VanCuron, Francine Sample 396 FY 2005 Project: 05-0044 Requestor: Metals Scan Project Leader: WJOYNER Facility: Barite Hill/Nevada Goldfields McCormick, SC Beginning: 10/26/2004 16:50 Program: SF Ending: Id/Station: BH024SW / Media: SURFACE WATER

RESULTS	UNITS	ANALYTE
5.0 U	UG/L	Silver
2.5 U	UG/L:	Arsenic
130 A	UG/L	Barium
3.0 U	UG/L	Beryllium
1.2 U	UG/L	Cadmium
5.0 U	UG/L	Cobalt
5.0 U	UG/L	Chromium
10 A	UG/L	Copper
5.0 U	UG/L	Molybdenum
10 U	UG/L	Nickel
4.7	UG/L	Lead
2.5 U	UG/L	Antimony
5.0 U	UG/L	Selenium
15 U	UG/L	Tin
140 A	UG/L	Strontium
10 A	UG/L	Titanium
2.5 U	UG/L	Thallium
5.0 U	UG/L	Vanadium
3.0 U	UG/L	Yttrium
10 U	UG/L	Zinc
0.20 U	UG/L	Total Mercury
740 A	UG/L	Aluminum
2300 A	UG/L	Manganese
21 A	MG/L	Calcium
14 A	MG/L	Magnesium
2.6 A	MG/L	Iron
22 A	MG/L	Sodium
2.3 A	MG/L	Potassium

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. | Reporting limit is an estimate. N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate. K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.

L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.

NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.

METALS	SAMPL	E ANA	LYSIS

Production Date: 01/28/2005 16:00

Produced by: VanCuron, Francine Sample 397 FY 2005 Project: 05-0044 Requestor: **Metals Scan** Project Leader: WJOYNER Facility: Barite Hill/Nevada Goldfields McCormick, SC Beginning: 10/26/2004 16:42 Program: SF Ending: ld/Station: BH025SE / Media: SEDIMENT DATA REPORTED ON DRY WEIGHT BASIS

UNITS	ANALYTE
MG/KG	Silver
MG/KG	Arsenic
MG/KG	Barium
MG/KG	Berylfium
MG/KG	Cadmium
	Cobalt
	Chromium
	Copper
	Molybdenum
	Nickel
	Lead
	Antimony
	Selenium
	Tin
	Strontium
	Titanium
	Thailium
MG/KG	Vanadium
MG/KG	Yttrium
	Zinc
	Total Mercury
	Aluminum
	Manganese
	Calcium
	Magnesium
	Iron
	Sodium
	Potassium
%	% Moisture
	MG/KG

LCS Recovery outside Method Acceptance Criteria for Ca and Fe.

LCS Precision outside Method Acceptance Criteria for Ca.

Per Cent Moisture Determined at 60 Degrees Celsius.

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate. N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.

K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.

L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.

NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.

Production Date: 01/28/2005 16:00

Sample 398 FY 2005 Project: 05-0044 Produced by: VanCuron, Francine
Requestor:
Project Leader: WIOYNER

McCormick, SC

Program: SF

Id/Station: BH025SW / Media: SURFACE WATER

Facility: Barite Hill/Nevada Goldfields

Project Leader: WJOYNER Beginning: 10/26/2004 16:40 Ending:

Wedia. 501	NEACE W	TIEN	
RESULTS	UNITS	ANALYTE	
5.0 U	UG/L	Silver	
2.5 U	UG/L	Arsenic	
150	UG/L	Barium	
3.0 U	UG/L	Beryllium	
1.2 U	UG/L	Cadmium	
5.0 U	UG/L	Cobalt	
5.0 U	UG/L	Chromium	
13	UG/L	Copper	·
5.0 U	UG/L	Molybdenum	
10 U	UG/L	Nickel	
4.8	UG/L	Lead	•
2.5 U	UG/L	Antimony	•
5.0 U	UG/L	Selenium	
16 150	UG/L UG/L	Tin Strontium	
14	UG/L	Tilanium	
2.5 U	UG/L	Thallium	
5.0 U	UG/L	Vanadium	
3.0 U	UG/L	Yttrium	
10 U	UG/L	Zinc	
0.20 U	UG/L	Total Mercury	
1000	UG/L	Aluminum	
2600	UG/L	Manganese	
22	MG/L	Calcium	
15	MG/L	Magnesium	
4.3	MG/L	Iron	
23	MG/L	Sodium	•
2.4	MG/L	Potassium	

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate. | N-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate. | K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.

L-Identification of analyte is acceptable; reported value may be blased low. Actual value expected to be greater than reported value.

NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.

METAL	S	SAMPL	E.	ANAL	YSIS

Production Date: 01/28/2005 16:00

Produced by: VanCuron, Francine Sample 399 FY 2005 Project: 05-0044 Requestor: Metals Scan Project Leader: WJOYNER Facility: Barite Hill/Nevada Goldfields McCormick, SC Beginning: 10/26/2004 16:34 Program: SF Ending: Id/Station: BN026SE / Media: SEDIMENT DATA REPORTED ON DRY WEIGHT BASIS DECLIFE HARTS

RESULTS	UNITS	ANALYTE
1.0 U	MG/KG	Silver
5.2	MG/KĞ	Arsenic
1700	MG/KG	Barium
0.60 U	MG/KG	Beryllium
0.40	MG/KG	Cadmium
4.8	MG/KG	Cobalt
10	MG/KG	Chromium
180	MG/KG	Copper
1.0 U	MG/KG	Molybdenum
4.0 U	MG/KG	Nickel
64	MG/KG	Lead
0.25 U	MG/KG	Antimony
0.61	MG/KG	Selenium
3.0 U	MG/KG	Tin
7.2	MG/KG	Strontium
61	MG/KG	Titanium
0.25 U	MG/KG	Thallium
40	MG/KG	Vanadium
3.2	MG/KG	Yttrium
25	MG/KG	Zinc
0.066	MG/KG	Total Mercury
6200	MG/KG	Aluminum
230	MG/KG	Manganese
510 J	MG/KG	Calcium
	MG/KG	Magnesium
26000 J	MG/KG	iron
200 U	MG/KG	Sodium
200 U	MG/KG	Potassium
41	%	% Moisture

LCS Recovery outside Method Acceptance Criteria for Ca and Fe.

Per Cent Moisture Determined at 60 Degrees Celsius.

LCS Precision outside Method Acceptance Criteria for Ca.

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate. N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate. K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.

L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.

NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.

Production Date: 01/28/2005 16:00

Produced by: VanCuron, Francine Sample FY 2005 Project: 05-0044 Requestor: **Metals Scan** Project Leader: WJOYNER Facility: Barite Hill/Nevada Goldfields McCormick, SC Beginning: 10/26/2004 16:32 Program: SF Ending: Id/Station: BH026SW / Media: SURFACE WATER RESULTS UNITS **ANALYTE** 5.0 U UG/L Silver 2.5 U UG/L Arsenic 150 UG/L Barlum 3.0 U UG/L Beryllium 1.2 U UG/L Cadmium 5.0 U UG/L Cobalt 5.0 U UG/L Chromium 12 UG/L Copper 5.0 U UG/L Molybdenum 10 U UG/L Nickel 5.2 UG/L Lead 2.5 U UG/L Antimony 5.0 U UG/L Selenium 15 U UG/L Tin 150 UG/L Strontium 12 UG/L Titanium 2.5 U UG/L Thallium 5.0 U UG/L Vanadium 3.0 U UG/L Yttrium 10 U UG/L Zinc 0.20 U UG/L Total Mercury 970 Aluminum UG/L 2500 UG/L Manganese 22 MG/L Calcium 15 MG/L Magnesium 3.4 MG/L Iron 23 MG/L Sodium 2.4 MG/L Potassium

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate. | K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.

L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.

NA-Not Analyzed. | NAI-Not Analyzed due to Interferences, | A-Analyte analyzed in replicate. Reported value is "average" of replicates,

METALS	SAMPLE	ANALYSIS

Production Date: 01/28/2005 16:00

Sample Metals Sc Facility: B Program: Id/Station:	an arite Hill/N SF	evada Goldflelds	McCormick, SC			Produced by: VanCuron, Francine Requestor: Project Leader: WJOYNER Beginning: 10/26/2004 16:28 Ending:	· · .
Media: SE	DIMENT			:		DATA REPORTED ON DRY WEIGHT BASIS	
RESULTS		ANALYTE			·		
0.82	MG/KG	Silver				•	
1.6	MG/KG	Arsenic		•			
500	MG/KG	Barium					
0.35	MG/KG	Beryllium					
1.4	MG/KG MG/KG	Cadmium		• • • • •			
17 23	MG/KG	Cobalt Chromium					
190	MG/KG	Copper		•			
1.3	MG/KG	Molybdenum				•	
5.0	MG/KG	Nickel					
26	MG/KG	Lead					
0.25 U	MG/KG	Antimony					
1.9	MG/KG	Selenium					
1.5 U	MG/KG	Tin					
15	MG/KG	Strontium					
99	MG/KG	Titanium					
0.25 U	MG/KG	Thallium					
64	MG/KG	Vanadium					
8.7	MG/KG	Yttrium					
130	MG/KG	Zinc					
0.078 8000	MG/KG MG/KG	Total Mercury					
800	MG/KG	Aluminum Manganese	÷. •				
2000 J	MG/KG	Calcium					
2400	MG/KG	Magnesium					
22000 J	MG/KG	Iron					
100 U	MG/KG	Sodium	•				
130	MG/KG	Potassium					
68	%	% Moisture					

LCS Recovery outside Method Acceptance Criteria for Ca and Fe. LCS Precision outside Method Acceptance Criteria for Ca.

Per Cent Moisture Determined at 60 Degrees Celsius.

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U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate. N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported value is an estimate. K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.

L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.

NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate, Reported value is "average" of replicates.

5.0 U

5.0 U

5.0 U

10 U

2.5 U

5.0 U

15 U

150

16

2.5 U

5.0 U

3.0 U

10 U

0.20 U

22

15

3.7

23

2.5

1300

2500

15

6.3

UG/L

MG/L

MG/L

MG/L

MG/L

MG/L

Cobalt

Copper

Nickel

Lead

Tin

Antimony

Selenium

Strontium

Titanium

Thallium

Yttrium

Zinc

fron

Vanadium

Aluminum

Calcium

Sodium

Potassium

Manganese

Magnesium

Total Mercury

Chromium

Molybdenum

METALS SAMPLE ANALYSIS EPA - REGION IV SESD, ATHENS, GA Production Date: 01/28/2005 16:00 Produced by: VanCuron, Francine Sample 402 FY 2005 Project: 05-0044 Requestor: Metals Scan Project Leader: WJOYNER Facility: Barite Hill/Nevada Goldfields McCormick, SC Beginning: 10/26/2004 16:26 Program: SF Ending: Id/Station: BH027SW / Media: SURFACE WATER **RESULTS UNITS ANALYTE** 5.0 U UG/L Silver 2.5 U UG/L Arsenic 170 UG/L Barium 3.0 U UG/L Bervillum 1.2 U UG/L Cadmium

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. | Reporting limit is an estimate. N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate. K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value. L-Identification of analyte is acceptable; reported value may be blased low. Actual value expected to be greater than reported value.

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Production Date: 01/28/2005 16:00

Sample 403 FY 2005 Project: 05-0044

Metals Scan

Facility: Barite Hill/Nevada Goldfields

McCormick, SC

Program: SF

Id/Station: BH028SE / Media: SEDIMENT

Produced by: VanCuron, Francine

Requestor:

Project Leader: WJOYNER Beginning: 10/26/2004 14:40

Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS	UNITS	ANALYTE		
0.62	MG/KG	Silver		
1.3	MG/KG	Arsenic		
100	MG/KG	Barium		
0.62	MG/KG	Beryllium		
0.15 U	MG/KG	Cadmium	•	
16	MG/KG	Cobalt		
30	MG/KG	Chromium		
24	MG/KG	Copper		
0.50 U	MG/KG	Molybdenum		
7.1	MG/KG	Nickel		
14	MG/KG	Lead		
0.25 U	MG/KG	Antimony		
0.50 U	MG/KG	Selenium		
1.5 ∪	MG/KG	Tin		
10	MG/KG	Strontium		
88	MG/KG	Titanium		
0.25 U	MG/KG	Thallium		
68	MG/KG	Vanadium		
9.4	MG/KG	Yttrium		
33	MG/KG	Zinc		
0.048 U	MG/KG	Total Mercury		
9700	MG/KG	Aluminum		
1600	MG/KG	Manganese		
1700 J	MG/KG	Calcium		
3300	MG/KG	Magnesium		
39000 J	MG/KG	Iron		
100 U	MG/KG	Sodium		
160	MG/KG	Potassium		
25	%	% Moisture		

LCS Recovery outside Method Acceptance Criteria for Ca and Fe.

Per Cent Moisture Determined at 60 Degrees Celsius.

LCS Precision outside Method Acceptance Critéria for Ca.

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L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value,

NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate, Reported value is "average" of replicates.

Production Date: 01/28/2005 16:00

Produced by: VanCuron, Francine 404 FY 2005 Project: 05-0044

Metals Scan

Sample

Facility: Barite Hill/Nevada Goldfields

Program: SF

10 U

0.20 U

320

750

16

7.6

1.8

8.5

3.8

UG/L

UG/L

UG/L

UG/L

MG/L

MG/L

MG/L

MG/L

MG/L

Zinc

Total Mercury

Aluminum

Calcium

Sodium

Iron

Manganese

Magnesium

Potassium

Id/Station: BH028SW / Media: SURFACE WATER McCormick, SC

Requestor:

Project Leader: WJOYNER Beginning: 10/26/2004 14:36

Ending:

RESULTS	UNITS	ANALYTE			
5.0 U	UG/L	Silver			
2.5 U	UG/L	Arsenic			
- 24	UG/L	Barium			
3.0 U	UG/L	Beryllium			
1.2 U	UG/L	Cadmium			
5.0 U	UG/L	Cobalt			
5.0 U	UG/L	Chromium	•	•	
5.0 U	UG/L	Copper			
5.0 U	UG/L	Molybdenum			
10 U	UG/L	Nickel			
2.5 U	UG/L	Lead		•	
2.5 U	UG/L	Antimony		.*	
5.0 U	UG/L	Selenium			
15 U	UG/L	Tin .			
86	UG/L	Strontium			
5.0 U	UG/L	Titanium			
2.5 U	UG/L	Thallium			
5.0 U	UG/L	Vanadium			
3.0 U	UG/L	Yttrium			

U-Analyte not detected at or above reporting limit. | 3-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. | 8-Identification of analyte is acceptable; reported value is an estimate. N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate. K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.

L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.

NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate, Reported value is "average" of replicates.

EPA - REGION IV SESD, ATHENS, GA

Production Date: 11/23/2004 11:07

Sample

Program: SF

Facility: Barite Hill/Nevada Goldfields

487 FY 2005

Project: 05-0054

Produced by: Goddard, Denise

Requestor:

Project Leader: WJOYNER Beginning: 10/26/2004 16:50

Ending:

Id/Station: BH001SE / Media: SEDIMENT

SPECIFIED TESTS

Case No: 33464

McCormick, SC

MD No: 2SX6

Inorg Contractor: CHEM

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS UNITS

21 % **ANALYTE** % Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate. N-Presumptive evidence analyte is present; analyte reported as tentative identification. I NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate. K-identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.

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EPA - REGION IV SESD, ATHENS, GA

Production Date: 11/23/2004 11:07

Sample

488 FY 2005

Project: 05-0054

Produced by: Goddard, Denise

Requestor:

Project Leader: WJOYNER

Beginning: 10/26/2004 16:55

Ending:

SPECIFIED TESTS

Facility: Barite Hill/Nevada Goldfields

Program: SF

Media: SURFACE WATER

McCormick, SC

Case No: 33464 Id/Station: BH001SW /

MD No. 2SX7

Inorg Contractor: BONNER

RESULTS UNITS

NA

ANALYTE % Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit. Reporting limit is an estimate. N-Presumptive evidence analyte is present; analyte reported as tentative identification. I NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.

K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value. L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value,

NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.

EPA - REGION IV SESD, ATHENS, GA

Production Date: 11/23/2004 11:07

Sample

Program: SF

489 FY 2005

Project: 05-0054

SPECIFIED TESTS

Facility: Barite Hill/Nevada Goldfields

McCormick, SC

Case No: 33464

MD No: 2SX9

Inorg Contractor: BONNER

Produced by: Goddard, Denise

Requestor:

Project Leader: WJOYNER Beginning: 10/26/2004 16:05

Ending:

Id/Station: BH002SW / Media: SURFACE WATER

RESULTS UNITS NA

ANALYTE % Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate. N-Presumptive evidence analyte is present; analyte reported as tentative identification. Exported value is an estimate. K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.

L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.

NA-Not Analyzed, | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.

EPA - REGION IV SESD. ATHENS. GA

Production Date: 11/23/2004 11:07

Sample

490 FY 2005

Project: 05-0054

Facility: Barite Hill/Nevada Goldfields

McCormick, SC

Program: SF

SPECIFIED TESTS

Id/Station: BH003SE /

Case No: 33464

MD No: 2SY0

Inorg Contractor: BONNER

Produced by: Goddard, Denise

Requestor:

Project Leader: WJOYNER Beginning: 10/26/2004 16:23

Endina:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS UNITS 40 %

Media: SEDIMENT

ANALYTE

% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate. N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate. K-fdentification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value. L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.

NA-Not Analyzed, | NAI-Not Analyzed due to interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.

EPA - REGION IV SESD, ATHENS, GA

Production Date: 11/23/2004 11:07

Sample

491 FY 2005

Project: 05-0054

SPECIFIED TESTS

Facility: Barite Hill/Nevada Goldfields

Program: SF

Id/Station: BH004SE /

Media: SEDIMENT

McCormick, SC

Case No: 33464

MD No: 2SY2

Inorg Contractor: BONNER

Produced by: Goddard, Denise

Requestor:

Project Leader: WJOYNER Beginning: 10/26/2004 11:34

Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS UNITS ANALYTE % Moisture 23

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. | Reporting limit is an estimate. N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate. K-Identification of analyte is acceptable; reported value may be blased high. Actual value expected to be less than the reported value.

L-identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.

NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate, Reported value is "average" of replicates.

EPA - REGION IV SESD. ATHENS, GA

Production Date: 11/23/2004 11:07

Sample

492 FY 2005

Project: 05-0054

SPECIFIED TESTS

Facility: Barite Hill/Nevada Goldfields

McCormick, SC

Program: SF

Case No: 33464

Id/Station: RH004SW / Media: SURFACE WATER MD No: 2SY3

Inorg Contractor: BONNER

Produced by: Goddard, Denise

Requestor:

Project Leader: WJOYNER Beginning: 10/26/2004 11:30

Endina:

RESULTS UNITS

ANALYTE

NA

% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. | Reporting limit. | N-Presumptive evidence analyte is present; analyte reported as tentative identification. I NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate. K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be tess than the reported value,

L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.

NA-Not Analyzed. | NAi-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.

EPA - REGION IV SESD, ATHENS, GA

Production Date: 11/23/2004 11:07

Sample SPECIFIED TESTS

493 FY 2005

Project: 05-0054

Produced by: Goddard, Denise

Requestor:

Project Leader: WJOYNER Beginning: 10/26/2004 15:25

Facility: Barite Hill/Nevada Goldfields Program: SF

McCormick, SC

Case No: 33464

Ending:

Id/Station: BH005SE / Media: SEDIMENT

MD No: 2SY4

Inorg Contractor: BONNER

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS UNITS

10 % ANALYTE % Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate. N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate. K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value. L-identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value. NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyze analyzed in replicate. Reported value is "average" of replicates. R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

EPA - REGION IV SESD, ATHENS, GA

Production Date: 11/23/2004 11:07

Sample

494 FY 2005 Project: 05-0054 Produced by: Goddard, Denise

Requestor:

Facility: Barite Hill/Nevada Goldfields

McCormick, SC

Project Leader: WJOYNER

Program: SF

Case No: 33464

Beginning: 10/26/2004 15:20

ld/Station: BH005SW / Media: SURFACE WATER

SPECIFIED TESTS

MD No: 2SY5 Inorg Contractor: BONNER Ending:

RESULTS UNITS NA

ANALYTE % Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. | Beporting limit is an estimate. N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate. K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.

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EPA - REGION IV SESD, ATHENS, GA

Inorg Contractor: BONNER

Production Date: 11/23/2004 11:07

Sample

495 FY 2005

Project: 05-0054

Produced by: Goddard, Denise Requestor:

Project Leader: WJOYNER

SPECIFIED TESTS

Facility: Barite Hill/Nevada Goldfields

McCormick, SC

Program: SF

Id/Station: BH006SW /

Case No: 33464

MD No: 2SY6

Beginning: 10/26/2004 11:45 Ending:

RESULTS UNITS

Media: SURFACE WATER

NA

ANALYTE % Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. | Benorting limit is an estimate. N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate. K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.

EPA - REGION IV SESD. ATHENS, GA

Production Date: 11/23/2004 11:07

Sample

496 FY 2005

Project: 05-0054

Produced by: Goddard, Denise

Requestor:

Project Leader: WJOYNER

Beginning: 10/26/2004 12:15

Ending:

SPECIFIED TESTS

Facility: Barite Hill/Nevada Goldfields

McCormick, SC

Case No: 33464

Inorg Contractor: BONNER

ld/Station: BH006SE / Media: SEDIMENT

Program: SF

MD No: 2SY7

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS UNITS 92

%

ANALYTE % Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate. N-Presumptive evidence analyte is present; analyte reported as tentative identification. I NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate. K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.

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NA-Not Analyzed. [NAI-Not Analyzed due to Interferences.] A-Analyte analyzed in replicate. Reported value is "average" of replicates.

EPA - REGION IV SESD, ATHENS, GA

Production Date: 11/23/2004 11:07

Sample

497 FY 2005

Project: 05-0054

SPECIFIED TESTS

Facility: Barite Hill/Nevada Goldfields

McCormick, SC

Program: SF

Case No: 33464

Id/Station: BH007SW /

MD No: 2SY8

Inorg Contractor: BONNER

Produced by: Goddard, Denise

Requestor:

Project Leader: WJOYNER Beginning: 10/26/2004 12:00

Ending:

Media: SURFACE WATER

RESULTS UNITS NA

ANALYTE % Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | U.J-Analyte not detected at or above reporting limit. Reporting limit is an estimate. N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate. K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.

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NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.

EPA - REGION IV SESD, ATHENS, GA

Production Date: 11/23/2004 11:07

Sample

498 FY 2005

Project: 05-0054

Produced by: Goddard, Denise

Requestor:

Project Leader: WJOYNER

Beginning: 10/26/2004 12:25

Ending:

SPECIFIED TESTS

Facility: Barite Hill/Nevada Goldfields

McCormick, SC

Program: SF Id/Station: BH008SW / Case No: 33464

MD No: 2SY9

Inorg Contractor: BONNER

Media: SURFACE WATER

RESULTS UNITS NA

ANALYTE % Moisture

U-Analyte not detected at or above reporting limit. | 3-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate. N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate. K-identification of analyte is acceptable; reported value may be blased high. Actual value expected to be less than the reported value.

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EPA - REGION IV SESD, ATHENS, GA

Production Date: 11/23/2004 11:07

Sample

499 FY 2005

Project: 05-0054

Produced by: Goddard, Denise

Requestor:

SPECIFIED TESTS

Facility: Barite Hill/Nevada Goldfields McCormick, SC Project Leader: WJOYNER

Program: SF

Beginning: 10/26/2004 11:35

Id/Station: BH009SE /

Case No: 33464

Ending:

Media: SEDIMENT

Inorg Contractor: BONNER MD No: 2SZ0

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS UNITS 14

%

ANALYTE % Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. | Reporting limit is an estimate. N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate. K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.

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NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.

SPECIFIED TESTS

EPA - REGION IV SESD, ATHENS, GA

Production Date: 11/23/2004 11:07

Sample

500 FY 2005

Project: 05-0054

Produced by: Goddard, Denise

Requestor:

Project Leader: WJOYNER

Beginning: 10/26/2004 11:10

Ending:

Program: SF

Facility: Barite Hill/Nevada Goldfields

McCormick, SC

Id/Station: BH010SE /

Case No: 33464

MD No: 2SZ1.

Inorg Contractor: BONNER

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS UNITS 12

Media: SEDIMENT

ANALYTE % Moisture

U-Analyte not detected at or above reporting limit. | J-identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate. N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate. K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.

L-Identification of analyte is acceptable; reported value may be blased low. Actual value expected to be greater than reported value.

NA-Not Analyzed. § NAI-Not Analyzed due to Interferences. § A-Analyte analyzed in replicate. Reported value is "average" of replicates.

EPA - REGION IV SESD, ATHENS, GA

Production Date: 11/23/2004 11:07

Sample

501 FY 2005

Project: 05-0054

SPECIFIED TESTS

Facility: Barite Hill/Nevada Goldfields

McCormick, SC

Program: SF

Case No: 33464

Id/Station: BH011SE / Media: SEDIMENT

MD No: 2SZ2

Inorg Contractor: BONNER

Produced by: Goddard, Denise

Requestor:

Project Leader: WJOYNER Beginning: 10/26/2004 12:35

Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS UNITS ANALYTE 11 % % Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. | Reporting limit is an estimate. N-Presumptive evidence analyte is present; analyte reported as tentative identification. + NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. K-identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value. L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value. NA-Not Analyzed. I NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates. R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

EPA - REGION IV SESD. ATHENS. GA

Production Date: 11/23/2004 11:07

Sample

Facility: Barite Hill/Nevada Goldfields

502 FY 2005

Project: 05-0054

Produced by: Goddard, Denise

Requestor:

Project Leader: WJOYNER Beginning: 10/26/2004 15:40

Endina:

Program: SF

Id/Station: BH012SE / Media: SEDIMENT

SPECIFIED TESTS

Case No: 33464

MD No: 2SZ3

McCormick, SC

Inorg Contractor: BONNER

DATA RÉPORTED ON DRY WEIGHT BASIS.

RESULTS UNITS 23 %

ANALYTE % Moisture

U-Analyte not detected at or above reporting limit. 1 J-Identification of analyte is acceptable; reported value is an estimate. 1 UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate. N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.

K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.

L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value. NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.

EPA - REGION IV SESD, ATHENS, GA

Production Date: 11/23/2004 11:07

503 FY 2005

Project: 05-0054

Produced by: Goddard, Denise Requestor:

Sample **SPECIFIED TESTS**

Facility: Barite Hill/Nevada Goldfields

Program: SF

McCormick, SC

Project Leader: WJOYNER Beginning: 10/26/2004 10:50

Id/Station: BH013SE /

Case No: 33464

Media: SEDIMENT

Inorg Contractor: BONNER MD No: 2SZ4

Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS UNITS 55

%

ANALYTE % Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate. N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate. K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.

L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.

NA-Not Analyzed. | NAI-Not Analyzed due to Interferences, | A-Analyte analyzed in replicate. Reported value is "average" of replicates.

EPA - REGION IV SESD, ATHENS, GA

Production Date: 11/23/2004 11:07

Sample

504 FY 2005

Project: 05-0054

SPECIFIED TESTS

Facility: Barite Hill/Nevada Goldfields

McCormick, SC

Program: SF

Case No: 33464

Id/Station: BH013SW /

MD No: 2SZ5

Inorg Contractor: BONNER

Produced by: Goddard, Denise

Requestor:

Project Leader: WJOYNER Beginning: 10/26/2004 10:45

Ending:

Media: SURFACE WATER

RESULTS UNITS NA

ANALYTE % Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate. N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate. K-identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.

L-identification of analyte is acceptable; reported value may be biased tow. Actual value expected to be greater than reported value.

NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.

EPA - REGION IV SESD, ATHENS, GA

Production Date: 11/23/2004 11:07

Sample

505 FY 2005

Project: 05-0054

SPECIFIED TESTS

Facility: Barite Hill/Nevada Goldfields

McCormick, SC

Program: SF

Id/Station: BH014SW /

Case No: 33464 MD No: 2SZ6

Inorg Contractor: BONNER

Produced by: Goddard, Denise

Requestor:

Project Leader: WJOYNER Beginning: 10/26/2004 10:59

Ending:

Media: SURFACE WATER

RESULTS UNITS NA

ANALYTE % Moisture

U-Analyte not detected at or above reporting limit. 1 J-Identification of analyte is acceptable; reported value is an estimate. 1 UJ-Analyte not detected at or above reporting limit. Reporting limit. Reporting limit is an estimate. N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate. K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.

SPECIFIED TESTS

Id/Station: BH015SE /

EPA - REGION IV SESD, ATHENS, GA

Production Date: 11/23/2004 11:07

Sample

Facility: Barite Hill/Nevada Goldfields

506 FY 2005 Project: 05-0054 Produced by: Goddard, Denise

Ending:

Requestor:

Project Leader: WJOYNER

Beginning: 10/26/2004 11:14

McCormick, SC

Case No: 33464

MD No: 2SZ7

Inorg Contractor: BONNER

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS UNITS 24

Media: SEDIMENT

Program: SF

ANALYTE % Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate. N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate. K-fdentification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.

L-Identification of analyte is acceptable; reported value may be biased tow. Actual value expected to be greater than reported value.

NA-Not Analyzed. | NAI-Not Analyzed due to interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.

EPA - REGION IV SESD. ATHENS, GA

Production Date: 11/23/2004 11:07

Sample

507 FY 2005

Project: 05-0054

Produced by: Goddard, Denise

Requestor:

Project Leader: WJOYNER Beginning: 10/26/2004 11:08

Endina:

SPECIFIED TESTS

Facility: Barite Hill/Nevada Goldfields

McCormick, SC

Program: SF ld/Station: BH015SW / Case No: 33464 MD No: 2SZ8

Inorg Contractor: BONNER

Media: SURFACE WATER

RESULTS UNITS **ANALYTE**

NA

% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. | Beporting limit is an estimate. N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value. L-Identification of analyte is acceptable; reported value may be biased tow. Actual value expected to be greater than reported value. NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.

EPA - REGION IV SESD, ATHENS, GA

Inorg Contractor: BONNER

Production Date: 11/23/2004 11:07

Sample

Project: 05-0054 508 FY 2005

Produced by: Goddard, Denise

Requestor:

Project Leader: WJOYNER

Facility: Barite Hill/Nevada Goldfields Program: SF

McCormick, SC

Id/Station: BH016SW /

SPECIFIED TESTS

Case No: 33464 MD No: 2SZ9

Beginning: 10/26/2004 11:20

Ending:

Media: SURFACE WATER

RESULTS UNITS ANALYTE NA

% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. | Reporting limit is an estimate. N-Presumptive evidence analyte is present; analyte reported as tentative identification. I NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate. K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.

L-identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.

NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.

EPA - REGION IV SESD, ATHENS, GA

Production Date: 11/23/2004 11:07

Sample 509 FY 2005 SPECIFIED TESTS

Project: 05-0054

Produced by: Goddard, Denise

Requestor:

Project Leader: WJOYNER Beginning: 10/26/2004 11:32

Ending:

Program: SF ld/Station: BH017SO / Media: SURFACE SOIL

Facility: Barite Hill/Nevada Goldfields

Case No: 33464

McCormick, SC

MD No: 2T00

Inorg Contractor: BONNER

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS UNITS 14

ANALYTE % Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. N-Presumptive evidence analyte is present; analyte reported as tentative identification. I NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate. K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.

L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.

NA-Not Analyzed. † NAI-Not Analyzed due to Interferences. † A-Analyte analyzed in replicate. Reported value is "average" of replicates.

EPA - REGION IV SESD, ATHENS, GA

Production Date: 11/23/2004 11:07

Sample

510 FY 2005

Facility: Barite Hill/Nevada Goldfields

Project: 05-0054

Produced by: Goddard, Denise

Requestor:

SPECIFIED TESTS

McCormick, SC

Project Leader: WJOYNER

Program: SF

Beginning: 10/26/2004 11:30

Case No: 33464

Ending:

Id/Station: BH018SO / Media: SURFACE SOIL

Inorg Contractor: BONNER MD No: 2T01

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS UNITS 18

%

ANALYTE % Moisture

U-Analyte not detected at or above reporting limit. | J-fdentification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. | J-fdentification of analyte is acceptable; reported value is an estimate. N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. K-identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.

L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.

NA-Not Analyzed. I NAI-Not Analyzed due to Interferences. I A-Analyte analyzed in replicate. Reported value is "average" of replicates.

EPA - REGION IV SESD, ATHENS, GA

Production Date: 11/23/2004 11:07

Sample

511 FY 2005

Project: 05-0054

Produced by: Goddard, Denise

SPECIFIED TESTS

Requestor:

Facility: Barite Hill/Nevada Goldfields

McCormick, SC

Project Leader: WJOYNER Beginning: 10/26/2004 15:30

Program: SF Id/Station: BH019SO / Case No: 33464

Ending:

Media: SURFACE SOIL

MD No: 2T02

Inorg Contractor: BONNER

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS UNITS 12

%

ANALYTE % Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. | Benefit analyte is acceptable; reported value is an estimate. N-Presumptive evidence analyte is present; analyte reported as tentative identification. [NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate. K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.

L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.

NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.

EPA - REGION IV SESD, ATHENS, GA

Production Date: 11/23/2004 11:07

Sample

512 FY 2005

Project: 05-0054

Produced by: Goddard, Denise

Requestor:

Project Leader: WJOYNER

Beginning: 10/26/2004 15:40

Ending:

Program: SF

Facility: Barite Hill/Nevada Goldfields

McCormick, SC

Case No: 33464

ld/Station: BH020SO /

SPECIFIED TESTS

MD No: 2T03

Inorg Contractor: BONNER

Media: SURFACE SOIL

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS UNITS 11 %

ANALYTE

% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate. N-Presumptive evidence analyte is present; analyte reported as tentative identification. § NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.

L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.

NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.

EPA - REGION IV SESD, ATHENS, GA

Production Date: 11/23/2004 11:07

Sample

513 FY 2005

Project: 05-0054

SPECIFIED TESTS

Facility: Barite Hill/Nevada Goldfields

Program; SF

Id/Station: BH02150 /

McCormick, SC

Case No: 33464

MD No: 2T04

Inorg Contractor: BONNER

Produced by: Goddard, Denise

Requestor:

Project Leader: WJOYNER Beginning: 10/26/2004 15:51

Ending:

Media: SURFACE SOIL DATA REPORTED ON DRY WEIGHT BASIS

RESULTS UNITS ANALYTE 12 % Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate. K-identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.

L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.

NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.

EPA - REGION IV SESD, ATHENS, GA

Production Date: 11/23/2004 11:07

Sample

Program: SF

SPECIFIED TESTS

Id/Station: BH022SO /

Media: SURFACE SOIL

514 FY 2005

Facility: Barite Hill/Nevada Goldfields

Project: 05-0054

Produced by: Goddard, Denise

Requestor:

Project Leader: WJOYNER

Beginning: 10/26/2004 14:40

Ending:

McCormick, SC Case No: 33464

MD No: 2T05

Inorg Contractor: BONNER

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS UNITS 41 %

ANALYTE % Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable, reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. | Reporting limit is an estimate. N-Presumptive evidence analyte is present; analyte reported as tentative identification. § NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate. K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.

L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.

NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyze analyzed in replicate. Reported value is "average" of replicates.

EPA - REGION IV SESD, ATHENS, GA

Production Date: 11/23/2004 11:07

Sample

515 FY 2005

Facility: Barite Hill/Nevada Goldfields

Project: 05-0054

Produced by: Goddard, Denise

Requestor:

Project Leader: WJOYNER

Beginning: 10/26/2004 14:25

Ending:

Media: SEDIMENT

Program: SF

SPECIFIED TESTS

MD No: 2T06

McCormick, SC

Case No: 33464

Inorg Contractor: BONNER

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS UNITS 27

Id/Station: BH023SE /

%

ANALYTE % Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate. N-Presumptive evidence analyte is present; analyte reported as tentative identification. [NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value. L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.

NA-Not Analyzed. | NAi-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.

EPA - REGION IV SESD, ATHENS, GA

Production Date: 11/23/2004 11:07

Sample

6 62 6

516 FY 2005

Project: 05-0054

Produced by: Goddard, Denise

Requestor:

Project Leader: WJOYNER

Beginning: 10/26/2004 16:50

Ending:

SPECIFIED TESTS

Facility: Barite Hill/Nevada Goldfields

McCormick, SC

Program: SF ld/Station: BH024SW /

Case No: 33464

MD No: 2T07

Inorg Contractor: BONNER

RESULTS UNITS NA

Media: SURFACE WATER

ANALYTE % Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate. N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate.

K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.

L-identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value. NA-Not Analyzed. [NAI-Not Analyzed due to Interferences.] A-Analyte analyzed in replicate. Reported value is "average" of replicates.

EPA - REGION IV SESD, ATHENS, GA

Production Date: 11/23/2004 11:07

Sample

517 FY 2005

Project: 05-0054

SPECIFIED TESTS

Facility: Barite Hill/Nevada Goldfields

Program: SF

Id/Station: BH025SE / Media: SEDIMENT

McCormick, SC

Case No: 33464 MD No: 2T08

Inorg Contractor: BONNER

Produced by: Goddard, Denise

Requestor:

Project Leader: WJOYNER Beginning: 10/26/2004 16:42

Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS UNITS 28

%

ANALYTE % Moisture

U-Analyte not detected at or above reporting limit. 1 J-Identification of analyte is acceptable; reported value is an estimate. 1 UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate. N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate. K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.

EPA - REGION IV SESD, ATHENS, GA

Production Date: 11/23/2004 11:07

Sample

0 0 2

Program: SF

518 FY 2005

Project: 05-0054

Produced by: Goddard, Denise

Requestor:

Project Leader: WJOYNER

Beginning: 10/26/2004 16:40

Ending:

SPECIFIED TESTS

Facility: Barite Hill/Nevada Goldfields

ld/Station: BH025SW /

Case No: 33464

MD No: 2T09

McCormick, SC

Inorg Contractor: BONNER

Media: SURFACE WATER

RESULTS UNITS **ANALYTE**

NA

% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate. N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate. K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.

L-identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.

NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyze analyzed in replicate. Reported value is "average" of replicates.

EPA - REGION IV SESD, ATHENS, GA

Production Date: 11/23/2004 11:07

Sample 519 FY 2005 Project: 05-0054

Produced by: Goddard, Denise

SPECIFIED TESTS

Facility: Barite Hill/Nevada Goldfields

McCormick, SC

Program: SF id/Station: BH026SE / Case No: 33464

MD No: 2T10

Inorg Contractor: BONNER

Requestor:

Project Leader: WJOYNER Beginning: 10/26/2004 16:34

Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS UNITS 41 %

Media: SEDIMENT

ANALYTE % Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. | Beporting limit is an estimate. N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate. K-identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value. L-Identification of analyte is acceptable; reported value may be blased low. Actual value expected to be greater than reported value.

NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.

EPA - REGION IV SESD, ATHENS, GA

Production Date: 11/23/2004 11:07

Sample

 $(V_1,\dots,V_n) \in \mathcal{S}_n \times \mathcal{S}_n$

520 FY 2005

Project: 05-0054

SPECIFIED TESTS

Media: SURFACE WATER

Facility: Barite Hill/Nevada Goldfields

McCormick, SC

Program: SF

Case No: 33464

Id/Station: BH026SW /

MD No: 2T11

Inorg Contractor: BONNER

Produced by: Goddard, Denise

Requestor:

Project Leader: WJOYNER Beginning: 10/26/2004 16:32

Ending:

RESULTS UNITS

NA

ANALYTE % Moisture

U-Analyte not detected at or above reporting limit. Lid-Identification of analyte is acceptable; reported value is an estimate. UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate. N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate. K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.

L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value,

NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.

EPA - REGION IV SESD, ATHENS, GA

Production Date: 11/23/2004 11:07

Sample

521 FY 2005

Project: 05-0054

SPECIFIED TESTS

Facility: Barite Hill/Nevada Goldfields

McCormick, SC

Program: SF

Case No: 33464

Id/Station: BH027SE / Media: SEDIMENT

MD No: 2T12

Inorg Contractor: BONNER

Produced by: Goddard, Denise

Requestor:

Project Leader: WJOYNER Beginning: 10/26/2004 16:28

Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS UNITS **ANALYTE** 77 % % Moisture

U-Analyte not detected at or above reporting limit. | J-identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. | Positive is an estimate. | UJ-Analyte not detected at or above reporting limit. | UJ-Analyte not detected at or above reporting limit. | UJ-Analyte not detected at or above reporting limit. | UJ-Analyte not detected at or above reporting limit. | UJ-Analyte not detected at or above reporting limit. | UJ-Analyte not detected at or above reporting limit. | UJ-Analyte not detected at or above reporting limit. | UJ-Analyte not detected at or above reporting limit. | UJ-Analyte not detected at or above reporting limit. | UJ-Analyte not detected at or above reporting limit. | UJ-Analyte not detected at or above reporting limit. | UJ-Analyte not detected at or above reporting limit. | UJ-Analyte not detected at or above reporting limit. | UJ-Analyte not detected at or above reporting limit. | UJ-Analyte not detected at or above reporting limit. | UJ-Analyte not detected at or above reporting limit. | UJ-Analyte not detected at or above reporting limit. | UJ-Analyte not detected at or above reporting limit. | UJ-Analyte not detected at or above reporting limit. | UJ-Analyte not detected at or above reporting limit. | UJ-Analyte not detected at or above reporting limit. | UJ-Analyte not detected at or above reporting limit. | UJ-Analyte not detected at or above reporting limit. | UJ-Analyte not detected at or above reporting limit. | UJ-Analyte not detected at or above reporting limit. | UJ-Analyte not detected at or above reporting limit. | UJ-Analyte not detected at or above reporting limit. | UJ-Analyte not detected at or above reporting limit. | UJ-Analyte not detected at or above reporting limit. | UJ-Analyte not detected at or above reporting limit. | UJ-Analyte not detected at or above reporting limit. | UJ-Analyte not detected at or above reporting limit. | UJ-Analyte not detected at or above reporting limit. | UJ-Analyte not dete N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate. K-Identification of analyte is acceptable; reported value may be blased high. Actual value expected to be less than the reported value. L-identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.

NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates. R-Presence or absence of analyte can not be determined from data due to severe quality control problems. Data are rejected and considered unusable.

EPA - REGION IV SESD. ATHENS, GA

Production Date: 11/23/2004 11:07

Sample

522 FY 2005

Project: 05-0054

Produced by: Goddard, Denise

Requestor:

Project Leader: WJOYNER

Beginning: 10/26/2004 16:26

Ending:

SPECIFIED TESTS

Facility: Barite Hill/Nevada Goldfields

McCormick, SC

Program: SF

Id/Station: BH027SW / Media: SURFACE WATER Case No: 33464

MD No: 2T13

Inorg Contractor: BONNER

RESULTS UNITS NA

 $G_{ij}^{(1)} = \frac{1}{2} \left(\langle g_i \rangle - 1 \rangle \right)$

ANALYTE % Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate. N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate. K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.

L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.

NA-Not Analyzed. | NAI-Not Analyzed due to interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.

EPA - REGION IV SESD, ATHENS, GA

Production Date: 11/23/2004 11:07

Sample

523 FY 2005

Project: 05-0054

SPECIFIED TESTS

Facility: Barite Hill/Nevada Goldfields

McCormick, SC

Program: SF Id/Station: BH028SE / Media: SEDIMENT

MD No: 2T14

Case No: 33464

Inorg Contractor: BONNER

Produced by: Goddard, Denise

Requestor:

Project Leader: WJOYNER Beginning: 10/26/2004 14:40

Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS UNITS 21

%

ANALYTE % Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate. N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate. K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.

L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.

NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.

EPA - REGION IV SESD, ATHENS, GA

Production Date: 11/23/2004 11:07

Sample

524 FY 2005 Project: 05-0054 Produced by: Goddard, Denise Requestor:

SPECIFIED TESTS

Facility: Barite Hill/Nevada Goldfields

McCormick, SC

Program: SF

Case No: 33464

Id/Station: BH028SW /

MD No: 2T15

Inorg Contractor: BONNER

Project Leader: WJOYNER Beginning: 10/26/2004 14:36

Ending:

Media: SURFACE WATER

RESULTS UNITS **ANALYTE**

NA

० २३ %

% Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit. Reporting limit. N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate. K-identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.

L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value;

NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.

EPA - REGION IV SESD, ATHENS, GA

Production Date: 11/23/2004 11:07

Sample

525 FY 2005

Project: 05-0054

Produced by: Goddard, Denise

SPECIFIED TESTS

Facility: Barite Hill/Nevada Goldfields

McCormick, SC

Program: SF

Case No: 33464

Id/Station: BH024SE /

MD No: 2T16

Inorg Contractor: BONNER

Project Leader: WJOYNER

Beginning: 10/26/2004 16:54

Endina:

Requestor:

DATA REPORTED ON DRY WEIGHT BASIS

Media: SEDIMENT RESULTS UNITS

30

%

ANALYTE % Moisture

U-Analyte not detected at or above reporting limit. | 3-Identification of analyte is acceptable; reported value is an estimate. I UJ-Analyte not detected at or above reporting limit. Reporting limit. Reporting limit is an estimate. N-Presumptive evidence analyte is present; analyte reported as tentative identification. { NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate. K-Identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.

£-identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.

NA-Not Analyzed. | NAI-Not Analyzed due to interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.

EPA - REGION IV SESD, ATHENS, GA

Production Date: 11/23/2004 11:07

Sample

Facility: Barite Hill/Nevada Goldfields

653 FY 2005

Project: 05-0054

Case No: 33464

McCormick, SC

Produced by: Goddard, Denise

Requestor:

Project Leader: WJOYNER

Beginning:

Id/Station: MD2SX8 / MD No: 2SX8 Inorg Contractor: BONNER Media: SOIL

Ending:

DATA REPORTED ON DRY WEIGHT BASIS

RESULTS UNITS 25 %

SPECIFIED TESTS

Program: SF

ANALYTE % Moisture

U-Analyte not detected at or above reporting limit. | J-Identification of analyte is acceptable; reported value is an estimate. | UJ-Analyte not detected at or above reporting limit. Reporting limit is an estimate. N-Presumptive evidence analyte is present; analyte reported as tentative identification. | NJ-Presumptive evidence analyte is present; analyte reported as tentative identification. Reported value is an estimate. K-identification of analyte is acceptable; reported value may be biased high. Actual value expected to be less than the reported value.

L-Identification of analyte is acceptable; reported value may be biased low. Actual value expected to be greater than reported value.

NA-Not Analyzed. | NAI-Not Analyzed due to Interferences. | A-Analyte analyzed in replicate. Reported value is "average" of replicates.